

QUICKDRY

guide
book



urecel

the inside
that's
unbeatable
outside

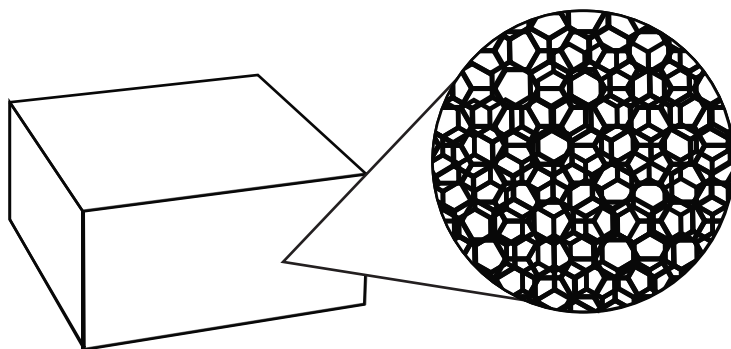
A large, stylized letter 'Q' in white, set against a dark gray square background. The 'Q' is composed of a thick white outline and a solid white center. The dark gray square is partially obscured by the orange text blocks.

QUICKDRY

TABLE OF CONTENT

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QUICKDRY FOAM



ENGLISH

Wide, open cells provide optimal drainage and circulate air. Urecel QuickDry is the advanced, high-performance foam designed specifically for outdoor cushions. It's the best you can buy.

Urecel QuickDry is produced by a sophisticated process called Hydro-Blast Reticulation. This is what gives Urecel QuickDry its unique porous open-cell structure- and why it completely outperforms closed-cell, non-reticulated, regular foams.

The large, open pores in Urecel QuickDry allow water to drain very rapidly and fresh air to circulate freely and continuously.

Urecel QuickDry feels more comfortable and luxurious, but is also stronger and more supportive. That's why our cushions keep their shape. Urecel Quickdry is an anti-microbial technology which prevents the growth of common moulds and fungus.

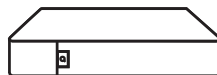
FOAM SPECIFICATION DATA

Company name : PT Urecel Indonesia
Material : UQD Foam
Test machine : Comtech QC - 506 D 1
Machine : Max Foam Machine

		EUR
ASTM D3574	Density	> 28 kg/m ³
	PPI Count	20-30 cell/25mm
ASTM D3574	Ball Rebound	> 30 %
ASTM D3574	25% ILD	18-22 kgf
ASTM D3574	65% ILD	30-50 kgf
ASTM D3575	Support Factor	1.8 -3.2
ASTM D3574	Tensile Strength	> 0.6 kg/cm ²
ASTM D3574	Elongation	> 100 %
ASTM D3574	Tear Strength	> 0.3 kg/cm

	US
	> 1.75 lbs/ft ³
	20-30 cell/in
	> 30 %
	40-48 lbf
	66-110 lbf
	1.8 -3.2
	> 8.5 psi
	> 100 %
	> 1.7 psi

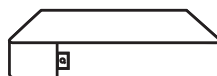
FIRM



		EUR
ASTM D3574	Density	> 27 kg/m ³
	PPI Count	20-30 cell/25mm
ASTM D3574	Ball Rebound	> 30 %
ASTM D3574	25% ILD	14-18 kgf
ASTM D3574	65% ILD	25-45 kgf
ASTM D3575	Support Factor	1.8 -3.2
ASTM D3574	Tensile Strength	> 0.6 kg/cm ²
ASTM D3574	Elongation	> 100 %
ASTM D3574	Tear Strength	> 0.3 kg/cm

	US
	> 1.7 lbs/ft ³
	20-30 cell/in
	> 30 %
	31-39 lbf
	55-99 lbf
	1.8 -3.2
	> 8.5 psi
	> 100 %
	> 1.7 psi

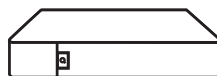
MEDIUM



		EUR
ASTM D3574	Density	> 24kg/m ³
	PPI Count	20-30 cell/25mm
ASTM D3574	Ball Rebound	> 30 %
ASTM D3574	25% ILD	10-14 kgf
ASTM D3574	65% ILD	20-40 kgf
ASTM D3575	Support Factor	1.8 -3.2
ASTM D3574	Tensile Strength	> 0.6 kg/cm ²
ASTM D3574	Elongation	> 100 %
ASTM D3574	Tear Strength	> 0.3 kg/cm

	US
	> 1.5 lbs/ft ³
	20-30 cell/in
	> 30 %
	23-30 lbf
	44-88 lbf
	1.8 -3.2
	> 8.5 psi
	> 100 %
	> 1.7 psi

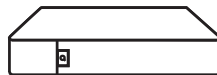
SOFT



		EUR
ASTM D3574	Density	> 23 kg/m ³
	PPI Count	20-30 cell/25mm
ASTM D3574	Ball Rebound	> 30 %
ASTM D3574	25% ILD	6-10 kgf
ASTM D3574	65% ILD	15-25 kgf
ASTM D3575	Support Factor	1.8 -3.2
ASTM D3574	Tensile Strength	> 0.6 kg/cm ²
ASTM D3574	Elongation	> 100 %
ASTM D3574	Tear Strength	> 0.3 kg/cm

	US
	> 1.4 lbs/ft ³
	20-30 cell/in
	> 30 %
	13-22 lbf
	33-55 lbf
	1.8 -3.2
	> 8.5 psi
	> 100 %
	> 1.7 psi

SUPER
SOFT



FOAM SPECIFICATION DATA

FR

Company name : PT Urecel Indonesia
Material : UQD Foam
Test machine : Comtech QC - 506 D 1
Machine : Max Foam Machine

		EUR
ASTM D3574	Density	> 32 kg/m ³
	PPI Count	20-30 cell/25mm
ASTM D3574	Ball Rebound	> 30 %
ASTM D3574	25% ILD	18-22 kgf
ASTM D3574	65% ILD	30-50 kgf
ASTM D3575	Support Factor	1.8 -3.2
ASTM D3574	Tensile Strength	> 0.6 kg/cm ²
ASTM D3574	Elongation	> 100 %
ASTM D3574	Tear Strength	> 0.3 kg/cm
CS TB 117	FR Class	Pass

		EUR
ASTM D3574	Density	> 30kg/m ³
	PPI Count	20-30 cell/25mm
ASTM D3574	Ball Rebound	> 30 %
ASTM D3574	25% ILD	14-18 kgf
ASTM D3574	65% ILD	25-45 kgf
ASTM D3575	Support Factor	1.8 -3.2
ASTM D3574	Tensile Strength	> 0.6 kg/cm ²
ASTM D3574	Elongation	> 100 %
ASTM D3574	Tear Strength	> 0.3 kg/cm
CS TB 117	FR Class	Pass

		EUR
ASTM D3574	Density	> 28 kg/m ³
	PPI Count	20-30 cell/25mm
ASTM D3574	Ball Rebound	> 30 %
ASTM D3574	25% ILD	10-14 kgf
ASTM D3574	65% ILD	20-40 kgf
ASTM D3575	Support Factor	1.8 -3.2
ASTM D3574	Tensile Strength	> 0.6 kg/cm ²
ASTM D3574	Elongation	> 100 %
ASTM D3574	Tear Strength	> 0.3 kg/cm
CS TB 117	FR Class	Pass

		EUR
ASTM D3574	Density	> 26 kg/m ³
	PPI Count	20-30 cell/25mm
ASTM D3574	Ball Rebound	> 30 %
ASTM D3574	25% ILD	6-10 kgf
ASTM D3574	65% ILD	15-30 kgf
ASTM D3575	Support Factor	1.8 -3.2
ASTM D3574	Tensile Strength	> 0.6 kg/cm ²
ASTM D3574	Elongation	> 100 %
ASTM D3574	Tear Strength	> 0.3 kg/cm
CS TB 117	FR Class	Pass

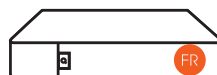
		US
		> 2 lbs/ft ³
		20-30 cell/in
		> 30 %
		40-48 lbf
		66-110 lbf
		1.8 -3.2
		> 8.5 psi
		> 100 %
		> 1.7 psi
		Pass

		US
		> 1.8 lbs/ft ³
		20-30 cell/in
		> 30 %
		31-39 lbf
		55-99 lbf
		1.8 -3.2
		> 8.5 psi
		> 100 %
		> 1.7 psi
		Pass

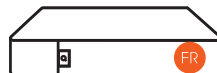
		US
		> 1.75 lbs/ft ³
		20-30 cell/in
		> 30 %
		23-30 lbf
		44-88 lbf
		1.8 -3.2
		> 8.5 psi
		> 100 %
		> 1.7 psi
		Pass

		US
		> 1.6 lbs/ft ³
		20-30 cell/in
		> 30 %
		13-22 lbf
		33-55 lbf
		1.8 -3.2
		> 8.5 psi
		> 100 %
		> 1.7 psi
		Pass

FIRM



MEDIUM



SOFT



SUPER
SOFT



OUTDOOR CUSHION CONSTRUCTION

What is outdoor performance cushion?

Outdoor performance cushion means the cushions that can be used on outdoor environment with minimum maintenance.

How to construct outdoor performance cushions?

Urecel Quickdry have 2 easy steps to construct the best outdoor performance cushions.

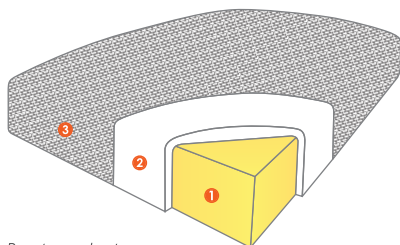
STEP 1

Choose your firmness according to the thickness of cushion and (or) types of furniture : Firm, Medium, Soft, Super Soft.

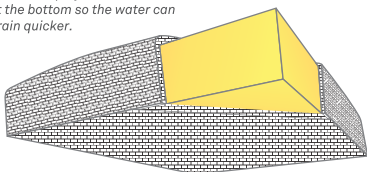
STEP 2

Choose the material to construct cushion insert.

Cushion insertpad construction



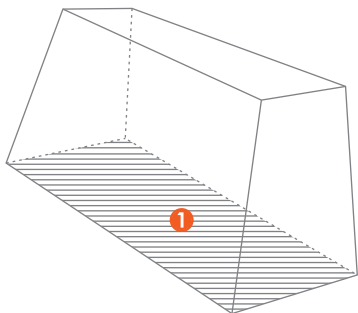
Do not use polyester non woven at the bottom so the water can drain quicker.



- 1** Urecel QuickDry foam
- 2** Polyester non woven
 - Provides extra plushness
 - Whole cushion looks full
 - Eliminates wrinkle
 - Create dome shape so water can run off
- 3** Mesh fabric lining
(Monofilament nylon tricot)
To maximize the breathability

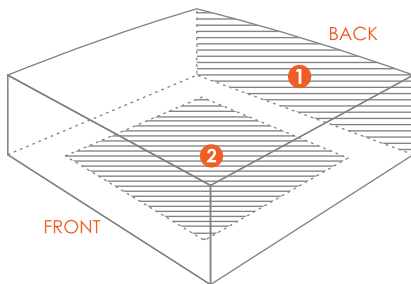
Back & Seat cushion constructions

The recommended construction by Urecel Quickdry for back & seat cushions



BACK CUSHION

- ① Recommended drainage position



SEAT CUSHION

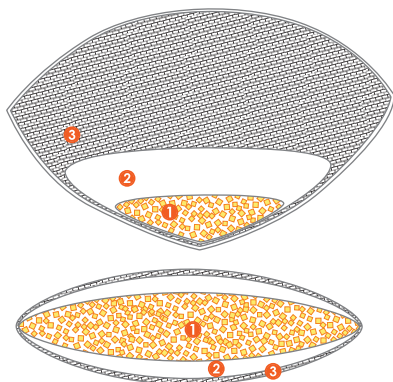
If seat cushion is reversible, the position ① is recommended, as the cushion should be tilted upwards, when it is not use.

If the cushion is not reversible, the position ② is recommended.

In order to have maximum drainage, please allow generous area of drainage section.

Throw pillow constructions

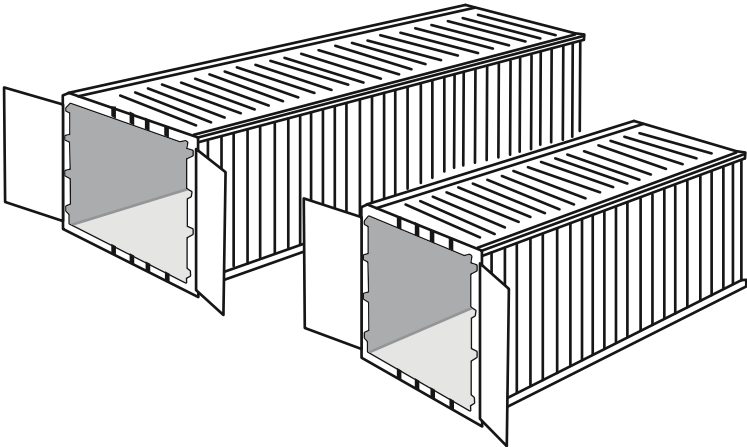
The recommended construction by Urecel Quickdry for throw pillow



THROW PILLOW

- ① Urecel QuickDry Pallets
- ② Polyester non woven
 - Provides extra plushness
 - Whole cushion looks full
 - Eliminates wrinkle
- ③ Mesh fabric lining (Monofilament nylon tricot)

SHIPPING - STANDARD LOADING CAPACITY



Foam Description	20 ft		40 ft		40 HC		Packing Dimension
	QTY	CBM	QTY	CBM	QTY	CBM	
QDF Medium QDF Firm	34Pcs	28m³	68Pcs	54m³	76Pcs	61m³	210x110x35cm
QDF Soft QDF Super Soft	19Pcs	20m³	36Pcs	40m³	52Pcs	57m³	230x120x40cm

Door Opening	Width	2,343m	2,343m	2,343m	
	Height	2,280m	2,280m	2,585m	
Volume		33.1m³	67.5m³	76.1m³	
Max gross weight		30,480kg	30,480kg	30,480kg	
Tare weight		2,400kg	4,000kg	4,200kg	
Payload		28,080kg	26,480kg	26,280kg	

FAQ's

Q. What is our standard block size?

A. Our standard block size is 2,35m x 1,25m with thickness of approximately 60cm.

Q. What are the range of densities I can buy?

A. We have 4 types. Firm: density $>28\text{kg/m}^3$, Medium: density $>27\text{kg/m}^3$, Soft: density $>24\text{kg/m}^3$, Super Soft: density $>23\text{kg/m}^3$.

Q. Can Urecel QuickDry be compressed?

A. Yes. Our standard block can be compressed.

In a 20 ft container (approx 33 CBM)

(40-60% compressed from its original size).

In a 40 ft container (approx 67 CBM)

(40-60% compressed from its original size).

In a 40 HC container (approx 76 CBM)

(40-60% compressed from its original size).

Q. How can I get my 'cut to size' cushions?

A. You can simply email us your cushion dimension size, CAD drawing, or provide us with a simple template.

We will follow up and provide a quotation.

Q. Do you make finished furniture products?

A. No, we do not manufacture furniture. However, we can recommend you several furniture manufacturers that use Urecel QuickDry.

Q. Do you make finished cushions?

A. No, we specialise on making outdoor foam insert pad. However, we can coordinate and recommend you our cushion maker alliances that carry a large selection of outdoor fabrics.

- Q.** How about using a 'water proof' outer shell like PVC?
- A.** Even when using PVC outer shell, humidity and moisture will penetrate through sewing lines. If these seams are sealed the cushion will act like a balloon, the cushion will not breathe or be comfortable. Once the sealing is broken and moisture gets in, the cushion will never dry.
- Q.** When I open the cover, the Urecel QuickDry cover is still wet. Why?
- A.** If your cushion does not have drainage (mesh fabric) at the bottom, the pads need to be taken out and dried.
- Q.** How long does it take to drain normally?
- A.** Urecel QuickDry will dry almost immediately, however its not covered with non-woven polyester fibre with lining, depending on the climate and thickness of the cushion. It would not be possible to dry if it was normal foam!
- Q.** Urecel Quickdry has 4 different firmness levels. Which one should I use?
- A.** This will depend on your design and the thickness of your cushions. In addition the back / headrest are usually 'softer' then the seat. Talk to our specialist for further enquiries.
- Q.** Is Urecel QuickDry in accordance with the Californian Standard fire retardancy?
- A.** Yes, FR grade is also available, ask our specialist for a copy of our certification.
- Q.** What is the product warranty?
- A.** 5 years from time of delivery, see explanation here. Statement and conditions apply, ask our specialist for more information.

CERTIFICATION



Pass IMO 2010 FTP Code - International Code for Application of Fire Test Procedures - Resolution MSC.307 (88) : Annex I - Fire Test Procedures, Part 8 - Test For Upholstered Furniture.



Pass the U.S. Voluntary Physical Performance and Environmental Guidelines for Prime Flexible Polyether Polyurethane Foam for Use in Furniture and Bedding Section 3 and 4.



Pass in California Flammability Technical Bulletin 117 - 2013 Section III



Pass ASTM G21-2013 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.



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Page 1

Received: 06/19/2017	Completed: 06/20/2017	Letter: G	JB	P.O.#:	Test Report #:	3-19820-0-
Client's Identification	Lot No.: PU211116ABFRY. Date of Mfg.: 21st Nov 2016. Style: Urecel Quick Dry Foam FR. Composition: Reticulated Polyurethane Foam. Density: 33.					
Tested For: Irwan Agusta	Key Test: IMO 2010 Uph Cig					235
PT. Urecel Indonesia, Jl. Industry Raya Kav. 2						
Cibadak KM 21 Bojong Cikupa						
Tangerang 15710 INDONESIA						
Tel: 011 6221 596 0557 Ext:						
Fax:						

Category: Uph. Furniture (cig) Specifier: IMO LE 2012; V 4/16 NTR 4/16 PC:16H /dl SM/mg

TEST PERFORMED: IMO 2010 PTP Code International Code for Application of Fire Test Procedures - Resolution MSC.307(88): Annex I Fire Test Procedures, Part 8 - Test For Upholstered Furniture

IGNITION SOURCE: Smoldering cigarette (section 3.1)

TEST ITEM COMPOSITE:

Cover Fabric --

- ☐ Client's cover fabric: (see "Client's Identification" section above)
☒ Standard cover fabric, 100% inherently flame retardant polyester fabric, approx. 220 g/m²

Filling Material --

- ☐ Non flame retardant flexible polyether foam, 22 kg/m³ (1.4 lb/ft³)
☐ Flame retardant polyurethane foam, Code Red II 35, 45 kg/m³ (2.8 lb/ft³)
☐ Non flame retardant flexible polyether foam, 22 kg/m³ (1.4 lb/ft³), wrapped with Sandel Style 12701-14502 fire blocking material (4.7 ± 0.5 oz/yd²)
☒ Client's filling material: See client's Identification section above

RESULTS:

	Progressive Smoldering Within 1 hr After Start of Test (yes/no) -----	Flaming Within 1 hr After Start of Test (yes/no) -----
Initial Test:	No	No
Retest:	No	No

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Received: 06/19/2017	Completed: 06/20/2017	Letter: G	JB	P.O.#:	Test Report #:	3-19820-0-
Client's Identification	Lot No.: PU211116ABFRY. Date of Mfg.: 21st Nov 2016. Style: Urecel Quick Dry Foam FR. Composition: Reticulated Polyurethane Foam. Density: 33.					
Tested For: Irwan Agusta PT. Urecel Indonesia, Jl. Industry Raya Kav. 2 Cibadak KM 21 Bojong Cikupa Tangerang 15710 INDONESIA			Key Test: IMO 2010 Uph Cig			235
			Tel: 011 6221 596 0557		Ext:	
			Fax:			

REMARKS: None.

FAILURE CRITERIA:

Progressive shouldering or flaming within one hour after start of test.

CONCLUSION: Based on the above Results and Failure Criteria, the item tested:

☒ Passes; ☐ Fails

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

AUTHORIZED SIGNATURE
GOVMARK
/pm/mo

Bobby Brown

JUL 11 2017

(Page 2 of 2)

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Page 1

Received: 06/19/2017	Completed: 06/20/2017	Letter: G1	JB	P.O.#:	Test Report #:	3-19820-1-
Client's Identification	Lot No.: PU211116ABFRY. Date of Mfg.: 21st Nov 2016. Style: Urecel Quick Dry Foam FR. Composition: Reticulated Polyurethane Foam. Density: 33.					
Tested For: Irwan Agusta			Key Test: IMO 2010 Uph Propane Flame			345
PT. Urecel Indonesia, Jl. Industry Raya Kav. 2 Cibadak KM 21 Bojong Cikupa Tangerang 15710 INDONESIA			Tel: 011 6221 596 0557 Fax:			Ext:
Category: Uph. Furniture (propane) LE 2012; V 5/15 NTR 4/16 PC: 16H /dl SM/mg Specifier: IMO						
TEST PERFORMED: IMO 2010 FTP Code - International Code for Application of Fire Test Procedures - Resolution MSC.307(88): Annex I - Fire Test Procedures, Part 8 - Test For Upholstered Furniture						
IGNITION SOURCE: 20 seconds propane flame (section 3.2)						
TEST ITEM COMPOSITE						
Cover Fabric --						
<input type="checkbox"/> Client's cover fabric: (see "Client's Identification" section above) <input checked="" type="checkbox"/> Standard cover fabric, 100% inherently flame retardant polyester fabric, approx. 220 g/m ²						
Filling Material --						
<input type="checkbox"/> Non flame retardant flexible polyether foam, 22 kg/m ³ (1.4 lb/ft ³) <input type="checkbox"/> Flame retardant polyurethane foam, Code Red TT 35, 45 kg/m ³ (2.8 lb/ft ³) <input type="checkbox"/> Non flame retardant flexible polyether foam, 22 kg/m ³ (1.4 lb/ft ³), wrapped with Unguard fire blocking material <input checked="" type="checkbox"/> Client's filling material: See client's Identification section above						
RESULTS:	Flaming* (seconds)	Glowing* (seconds)	Smoking* (seconds)	Smoldering* (seconds)		
Initial Test:	0	0	16	0		
Retest:	0	0	25	0		
* Values are reported after removal of burner tube ignition source.						
REMARKS: None.						
(Page 1 of 2)						

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Page 2

Received: 06/19/2017	Completed: 06/20/2017	Letter: G1	JB	P.O.#:	Test Report #:	3-19820-1-
Client's Identification	Lot No.: PU211116ABFRY. Date of Mfg.: 21st Nov 2016. Style: Urecel Quick Dry Foam FR. Composition: Reticulated Polyurethane Foam. Density: 33.					
Tested For: Irwan Agusta PT. Urecel Indonesia, Jl. Industry Raya Kav. 2 Cibadak KM 2: Bojong Cikupa Tangerang 15710 INDONESIA			Key Test: IMO 2010 Uph Propane Flame			345
			Tel: 011 6221 596 0557			Ext:
			Fax:			

FAILURE CRITERIA:

Flaming, glowing, smoking, or smouldering which exceeds 120 seconds.

CONCLUSION: Based on the above Results and Failure Criteria, the item tested:

☒ Passes; ☐ Fails

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

AUTHORIZED SIGNATURE
GOVMARK
/pm/mo

JUL 11 2017

Bobby Brown

(Page 2 of 2)

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Page 1

Received: 06/20/2017	Completed: 06/20/2017	Letter: G		P.O.#:	Test Report #:	3-19820-2-
Client's Identification	Bank/Administrative Fee for test reports 3-19820-0 and 3-19820-1.					
Tested For: Irwan Agusta PT. Urecel Indonesia, Jl. Industry Raya Kav. 2 Cibadak KM 21 Bojong Cikupa Tangerang 15716 INDONESIA				Key Test: Bank/Administrative Fee for wire transfer Tel: 011 6221 596 0557 Ext: Fax:		50
Administration/Bank fee for processing incoming wire transfer of funds.						

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Prüfbericht-Nr.: <i>Test Report No.:</i>	21270671 001	Auftrags-Nr.: <i>Order No.:</i>	3216884	Seite 1 von 5 Page 1 of 5
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	- / -	Auftragsdatum: <i>Order date:</i>	2017-04-04	
Auftraggeber: <i>Client:</i>	PT. Urecl Indonesia, Jalan Raya Serang Km. 21, Kampung Cibadak, RT. 17 RW. 7 Desa Bojong, Cikupa, Bojong, 15710 TANGERANG, BANTEN, INDONESIA			
Prüfgegenstand: <i>Test item:</i>	Reticulated Polyether Foam			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	Urecl Quick Dry Foam 30 / 273 N			
Auftrags-Inhalt: <i>Order content:</i>	Contaminant test according to CertiPUR-US requirements			
Prüfgrundlage: <i>Test specification:</i>	CertiPUR-US U.S. Voluntary Physical Performance and Environmental Guidelines for Prime Flexible Polyether Polyurethane Foam for Use in Furniture and Bedding Section 3 and 4, dated September 15, 2016			
Wareneingangsdatum: <i>Date of receipt:</i>	2017-04-10 (Lab: 2017-04-11)			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000159099 - 001, 002			
Prüfzeitraum: <i>Testing period:</i>	2017-04-13 – 2017-05-11			
Ort der Prüfung: <i>Place of testing:</i>	Emission Testing Nuremberg			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland LGA Products GmbH			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
2017-05-11	i.A. Ursula Hagen, Expert	2017-05-11	i.A. Dr. Christian Schelle, Expert	
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
				Unterschrift <i>Signature</i>
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(aul) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(aul) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

004

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Liste der verwendeten Prüfmittel
List of used test equipment

[illegible]

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Produktbeschreibung
Product description

1	Produkt-Identifizierungscode / <i>Product identification code</i>	Reticulated Polyether Foam
2	Schaumtyp / <i>Foam product group</i>	Urecel Quick Dry Foam
3	Raumgewicht/ <i>Foam density</i>	30 / 273 N
4	Schäumungsdatum / <i>Production date</i>	2017-03-29
5	Schneidedatum / <i>Date sample cut</i>	2017-03-31
6	Versand / <i>Date sample shipped</i>	2017-04-05
7	Anlieferungsdatum/ <i>Sample arrival date</i>	2017-04-10 (Lab: 2017-04-10)
8	Start der VOC Prüfkammeruntersuchung/ <i>Starting date of VOC chamber testing</i>	2017-04-13
		
		

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Absatz	CertiPUR-US	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

Test	Requirements	Test findings	Comments
Section 3: Voluntary Independent Laboratory Emissions Testing			
Emission of volatile organic compounds (test chamber)	Formaldehyde	< 0.1 mg/m ³	met
	Benzene	< 0.5 mg/m ³	
	Toluene	< 0.5 mg/m ³	
	Styrene	< 0.3 mg/m ³	
	Vinylcyclohexene	< LOD ¹⁾	
	4-Phenylcyclohexene	< LOD ¹⁾	
	Butadiene	< LOD ¹⁾	
	Vinylchloride	< LOD ¹⁾	
	Aromatic hydrocarbons	< 0.5 mg/m ³	
	TVOC emission	< 0.5 mg/m ³	
		0.005 mg/m ³	
		0.076 mg/m ³ ²⁾	
Section 4: Voluntary Independent Laboratory Analysis			
Extractable heavy metals	Antimony (Sb)	≤ 0.5 ppm	met
	Arsenic (As)	≤ 0.2 ppm	
	Cadmium (Cd)	≤ 0.1 ppm	
	Chromium total (Cr)	≤ 1.0 ppm	
	Chromium VI (Cr VI)	< LOD ¹⁾	
	Cobalt (Co)	≤ 0.5 ppm	
	Copper (Cu)	≤ 2.0 ppm	
	Lead (Pb)	≤ 0.2 ppm	
	Nickel (Ni)	≤ 1.0 ppm	
	Mercury (Hg)	≤ 0.02 ppm	
	Selenium (Se)	≤ 0.5 ppm	
Tinorganic compounds	Tributyltin (TBT)	< 0.5 ppm	met
Phthalate plasticizers	Sum of Di-iso-nonyl phthalates, Di-n-octyl-phthalate, Di-(2-ethylhexyl) phthalate, Di-isodecyl phthalates, Butylbenzyl phthalate, Di-butyl phthalate, Di-n-hexyl phthalate	≤ 0.01 wt %	met
		≤ 0.01 wt %	
TDA and MDA	2,4-Toluenediamine (TDA)	< 5 ppm	met
	4,4'-Diaminodiphenylmethane (MDA)	< 5 ppm	
	Sum of TDA and MDA	< 5 ppm	
Polybrominated fire retardant additives	Pentabromodiphenyl ether	≤ 0.01 wt %	met
	Octabromodiphenyl ether	≤ 0.01 wt %	
	Decabromodiphenyl ether	≤ 0.01 wt %	

¹⁾ LOD = Limit of Detection

²⁾ Refer to Table 1 for individually detected components

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Absatz	CertiPUR-US	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

Table 1: Individually detected components

Substance	CAS No.	Concentration [$\mu\text{g}/\text{m}^3$]
Formaldehyde	50-00-0	< 1.0
2-Ethylhexanoic acid (Repr. 2)	149-57-5	8.6
Benzonitrile	100-47-0	5.0
Tetramethylsuccinodinitrile	3333-52-6	60
Trimethylpentanediol diisobutyrate (SVOC)	74381-40-1	2.6



PT URECEL INDONESIA

Technical Report: (7118) 268-0044

October 04, 2018

Date Received: September 25, 2018

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IRWAN AGUSTA
PT URECEL INDONESIA
JLN RAYA SERANG KM 21
CIKUPA TANGERANG
15710

Sample Description:	UQD FR FOAM PU030818ABFRYF	PO No.:	/
Manufacturer:	PT URECEL INDONESIA	Style:	/
Buyer:	/	Country of Destination:	/
Country of Origin:	INDONESIA	SKU No.:	/
Color:	YELLOW	UPC Code:	/
Protocol No.:	CALIFORNIA FLAMMABILITY TECHNICAL BULLETIN 117 – 2013 SECTION III		
Previous Report No.:	/	Lot No:	/

EXECUTIVE SUMMARY:

This report only covers flammability of resilient filling materials test under California Technical Bulletin CA TB 117-2013 Section III as per vendor request.

The submitted samples rated as PASS with satisfactory characteristic performance in the conducted test.

Bureau Veritas
Consumer Products Services, Inc.
Indonesia Branch
Gedung KKM, 2nd Floor, Jl. Cideng Timur
No.38 Jakarta, Indonesia
Telephone: 6221-6348877
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TEST RESULT

Flammability of Resilient Filling Materials

Test Method : California Technical Bulletin CA TB 117-2013 section III

RESULT FOR INITIAL TEST: Yellow Foam / UQD FR Foam PU030818ABFRYF

SPECIMEN	TRANSITION TO OPEN FLAMING	SMOLDERING	CHAR LENGTH (IN)
1	No	No	0.3
2	No	No	0.4
3	No	No	0.4
Requirement	No	No	1.5

OVERALL RATING:

PASS

Note / Key:

Y=Yes

DATA = Record data only

N=No

NA = Not Applicable

P=Pass

NR= Not requested

F=Fail

NT=Not Tested



PT URECEL INDONESIA
Technical Report: **(7118) 268-0044**
October 04, 2018
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**BUREAU VERITAS CONSUMER PRODUCTS SERVICES
INDONESIA BRANCH**


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C/N: MC64419/An/Ro/Jo/Ma/Jo

REPORT

Lab Numbers: (7118) 268-0044



COVER PICTURE #01

REPORT

Lab Numbers: (7118) 268-0044



COVER PICTURE #02

TEST REPORT

APPLICANT: PT. URECEL INDONESIA
JL. INDUSTRY RAYA KAV. 2 CIBADAK KM21
BOJONG CIKUPA TANGERANG,
15710 INDONESIA
ATTN : IRWAN AGUSTA

DATE: JULY 27, 2017

SAMPLE DESCRIPTION:

THE SUBMITTED SAMPLE SAID TO BE:

SAMPLE DESCRIPTION : URECEL QUICK DRY FOAM
COLORS : YELLOW
COUNTRY OF DESTINATION : /
COUNTRY OF ORIGIN : INDONESIA
MANUFACTURER NAME : PT. URECEL INDONESIA
TESTING STAGE : PRODUCTION SAMPLE

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGES.

CONCLUSION:

TESTED SAMPLE
SUBMITTED SAMPLE

STANDARD
MOULD RESISTANCE TEST
ASTM G21-2013 STANDARD PRACTICE FOR
DETERMINING RESISTANCE OF SYNTHETIC
POLYMERIC MATERIALS TO FUNGI

RESULT
SEE TEST DATA

PREPARED AND CHECKED BY:
FOR INTERTEK INDONESIA



TAUFIQ URAKHMAN
HARDLINE LAB MANAGER

(THIS REPORT SHALL NOT BE REPRODUCED WHOLLY OR IN PARTS WITHOUT WRITTEN APPROVAL FROM THE LABORATORY)

IUS - CR.HL - 001

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www.intertek.com

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TESTS CONDUCTED:

1. MOULD RESISTANCE TEST

WITH REFERENCE TO ASTM G21-2013 STANDARD PRACTICE FOR DETERMINING RESISTANCE OF SYNTHETIC POLYMERIC MATERIALS TO FUNGI.

TEST SPECIMEN : 2 X 2 INCH / 2 INCH DIAMETER / 26MM LONG / INDICATED SURFACE OF SUBMITTED SAMPLE.

TEMPERATURE OF INCUBATION : 28 C.

MOULD CULTURE USED : *ASPERGILLUS NIGER* (ATCC 9642), *PENICILLIUM PINOPHILUM* (ATCC 11797), *CHAETOMIUM GLOBOSUM* (ATCC 6205), *GLIOCLADIUM VIRENS* (ATCC 9645) AND *AUREOBASIDIUM PULLULANS* (ATCC 15233) WITH POSITIVE VITALITY.

SAMPLE	RATING* AT THE SPECIFIC PERIOD OF INCUBATION (DAY)			
	7 th 0(0%)	14 th 0(0%)	21 st 0(0%)	28 th 0(0%)

TESTED COMPONENT: YELLOW DRY FOAM.

REMARK : * = RATING SCALE RANKING FROM 0 TO 4 AND EACH NUMBER REPRESENTS THE DEGREE OF MOULD GROWTH OBSERVED ON THE SPECIMEN SURFACE.

- 0 - NONE (NO GROWTH ON SPECIMEN SURFACE.)
- 1 - TRACES OF GROWTH (LESS THAN 10%).
- 2 - LIGHT GROWTH (10%-30%).
- 3 - MEDIUM GROWTH (30%-60%).
- 4 - HEAVY GROWTH (60% TO COMPLETE COVERAGE).

SAMPLE RECEIVED CONDITION: SAMPLE IN CLOSED PLASTIC BAG.

DATE SAMPLE RECEIVED : JUNE 09, 2017
TESTING PERIOD : JUNE 09, 2017 TO JULY 27, 2017

END OF REPORT

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PRODUCT PHOTO







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