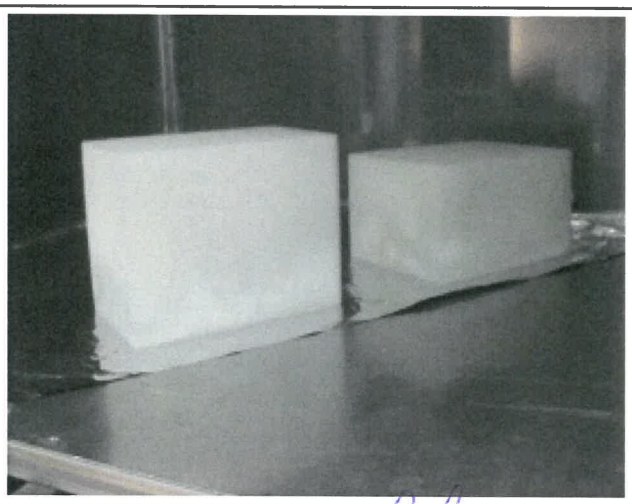
Prüfbericht-Nr.: *Test Report No.:*	**21241362 001**	**Auftrags-Nr.:** *Order No.:*	3158805	Seite 1 von 4 *Page 1 of 4*
Kunden-Referenz-Nr.: *Client Reference No.:*	C-RU-0815-372-0277 Full analysis	**Auftragsdatum:** *Order date:*	2015-10-01	
Auftraggeber: *Client:*	OOO RIF AMETIST, 2 Pyatyletki St., 140730 Roshal, Moscow Region, Russian Federation			
Prüfgegenstand: *Test item:*	High Resilience Foam			
Bezeichnung / Typ-Nr.: *Identification / Type No.:*	HR 3530			
Auftrags-Inhalt: *Order content:*	Contaminant tests (Full analysis) according EC-CertiPUR-Label			
Prüfgrundlage: *Test specification:*	CertiPUR Label for Flexible Polyurethane Foams European Association of Flexible Polyurethane Foam Blocks Manufacturers III. Technical Requirements: 1.3 TDA / MDA 1.4 Emission of volatile organic compounds			

Wareneingangsdatum: *Date of receipt:*	2015-10-01
Prüfmuster-Nr.: *Test sample No.:*	A000109011-001,002,002
Prüfzeitraum: *Testing period:*	2015-10-02 – 2015-10-09
Ort der Prüfung: *Place of testing:*	Emission Testing Nuremberg
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland LGA Products GmbH
Prüfergebnis*: *Test result*:*	Pass



geprüft von / *tested by*:

2015-10-09	i.A. Ursula Hagen, Expert	
Datum *Date*	**Name / Stellung** *Name / Position*	**Unterschrift** *Signature*

kontrolliert von / *reviewed by*:

2015-10-09	i.V.Dr. Christian Schelle, Head of Laboratory	
Datum *Date*	**Name / Stellung** *Name / Position*	**Unterschrift** *Signature*

Sonstiges / *Other*:

Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery:* — Prüfmuster vollständig und unbeschädigt / *Test item complete and undamaged*

* Legende:	1 = sehr gut	2 = gut	3 = befriedigend	4 = ausreichend	5 = mangelhaft
	P(ass) = entspricht o.g. Prüfgrundlage(n)		F(ail) = 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(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

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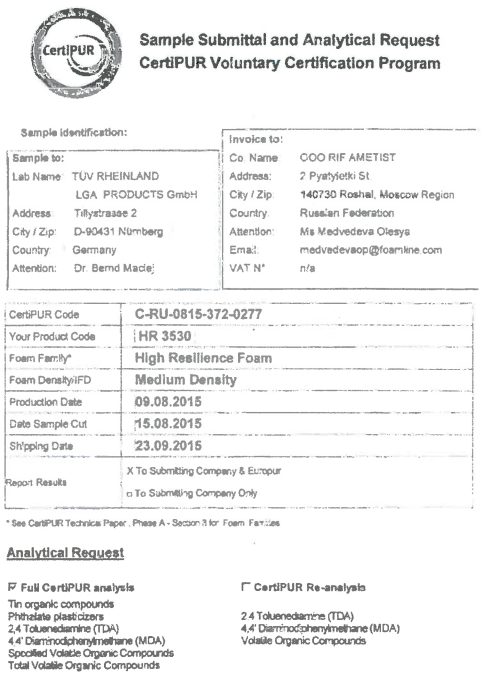
Liste der verwendeten Prüfmittel
List of used test equipment

Prüfmittel *Test equipment*	**Prüfmittel-Nr. / ID-Nr.** *Equipment No. / ID-No.*	**Nächste Kalibrierung** *Next calibration*
Die Messunsicherheit wird auf Anfrage mitgeteilt / *Information on standard uncertainty on client's* request.		
Prüfkammer Nr. 5 / *Test chamber Nr. 5*	06706	12/2015 *2015/12*
Probenahmepumpe D 11 / *Sampling pump D 11*	06814	03/2017 *2017/03*
Probenahmepumpe GSA 2 / *Sampling pump GSA 2*	06819	12/2015 *2015/12*
Probenahmepumpe GSA 9 / *Sampling pump GSA 9*	06947	12/2015 *2015/12*
Seifenblasen-Durchflussmesser Gilian Nr. 6 *Air Flow Calibration System No. Gilian No. 6*	07676	09/2016 *2016/09*
Thermo-Hygrometer Lufft 1 / *Thermo hygrometer Lufft 1*	07887	12/2015 *2015/12*
Spektral-Photometer (UV-VIS) Perkin-Elmer, Lambda 2 / *Spectral-Photometer (UV-VIS) Perkin-Elmer, Lambda 2*	06911	12/2015 *2015/12*

Prüfbericht-Nr.: 21241362 001
Test Report No.:

Produktbeschreibung
Product description

1	**Produktdetails /** *Product details*	High Resilience Foam HR 3530 Medium Density
2	**Hersteller /** *Manufacturer*	OOO RIF AMETIST 2 Pyatyletki St. 140730 Roshal Moscow Region, Russian Federation Ms. Medvedeva Olexya
3	**Schäumungsdatum /** *Foaming date*	2015-08-09
4	**Schneidedatum /** *Cutting date*	2015-08-15
6	**Sonstiges /** *Other*	--
		

Sample Submittal and Analytical Request
CertiPUR Voluntary Certification Program

Sample identification:

Sample to:		Invoice to:	
Lab Name:	TÜV RHEINLAND LGA PRODUCTS GmbH	Co. Name:	OOO RIF AMETIST
Address:	Tillystrasse 2	Address:	2 Pyatyletki St.
City / Zip:	D-90431 Nürnberg	City / Zip:	140730 Roshal, Moscow Region
Country:	Germany	Country:	Russian Federation
Attention:	Dr. Bernd Maciej	Attention:	Ms Medvedeva Olesya
		Email:	medvedevaop@foamline.com
		VAT N°	n/a

CertiPUR Code	C-RU-0815-372-0277
Your Product Code	HR 3530
Foam Family*	High Resilience Foam
Foam Density/IFD	Medium Density
Production Date	09.08.2015
Date Sample Cut	15.08.2015
Shipping Date	23.09.2015
Report Results	X To Submitting Company & Europur □ To Submitting Company Only

* See CertiPUR Technical Paper , Phase A - Section 3 for Foam Families

Analytical Request

☑ **Full CertiPUR analysis**
Tin organic compounds
Phthalate plasticizers
2,4 Toluenediamine (TDA)
4,4' Diaminodiphenylmethane (MDA)
Specified Volatile Organic Compounds
Total Volatile Organic Compounds

☐ **CertiPUR Re-analysis**
2,4 Toluenediamine (TDA)
4,4' Diaminodiphenylmethane (MDA)
Volatile Organic Compounds

CertiPUR Code: C-RU-0815-372-0277-Full-Analysis

No.	Test	Requirements	Test findings	Comments
1.	**Substances subject to measurable limits**			
1.1	**Tinorganic compounds**	Tributyltin (TBT) < 50 ppb Dibutyltin (DBT) < 100 ppb Monobutyltin (MBT) < 100 ppb Sum [1] < 500 ppb	< 5 ppb < 5 ppb 20 ppb < 60 ppb	Requirements met
1.2	**Phthalate plasticizers**	Sum of Di-iso-nonylphthalates, Di-n-octyl-phthalate, Di-(2-ethylhexyl)-phthalate, Di-iso-decylphthalates, Butylbenzylphthalate and Dibutylphthalate ≤ 0.01 wt %	< 0.01 wt %	Requirement met
1.3	**TDA and MDA**	2,4-Toluenediamine (TDA) < 5 ppm 4,4'-Diaminodiphenylmethane (MDA) < 5 ppm	< 0.5 ppm < 0.5 ppm	Requirements met
1.4	**Emission of volatile organic compounds (Test chamber)**	Formaldehyde < 10 µg/m³ Toluene < 100 µg/m³ Styrene < 5 µg/m³ CMR substances [2] each < 5 µg/m³ Sum of all CMR substances [2] < 40 µg/m³ Aromatic hydrocarbons < 500 µg/m³ Organic volatiles (total) [4] < 500 µg/m³	3 µg/m³ 2.6 µg/m³ n.d. [3] each < 1 µg/m³ each < 1 µg/m³ 2.6 µg/m³ 2.6 µg/m³	Requirements met

[1] Sum of n-butyltin (Monobutyltin, MBT), di-n-butyltin (Dibutyltin, DBT), tri-n-butyltin (Tributyltin, TBT), tetra-n-butyltin, n-butyltin, di-n-octyltin, tri-cyclohexyltin and tri-phenyltin

[2] Carcinogenic, mutagenic and reprotoxic substances, Class 1 or 2, according to EU legislation (67/548/EEC).

[3] n.d. = not detected, no substances of the corresponding category have been detected, limit of quantification 1 µg/m³

[4] Sum of all components with a concentration ≥ 1 µg/m³ and eluting within the retention time window from n-hexane (C_6) to n-hexadecane (C_{16}).

Individually detected components		
Substance	**CAS No.**	**Concentration [µg/m³]**
Toluene	108-88-3	2.6
Acetone	67-64-1	1.3