



medical[®]
leather

a healthy focus on feet

Product Specific Information Document

Product name:	Durafirm
Item code:	HA 020
Barcode:	N/A
CE Marking:	N/A
MDR Risk Classification:	Riskclass I

Product summary:	Durafirm
Size / Contents product:	95 x 95 cm
Packaging size:	plate, cutted shapes
Packaging unit:	per plate
Color:	beige
Thickness:	2 mm
Shorevalue:	70 ShoreA
Implementation:	N/A
Storage advise:	not in direct sunlight
Maintenance advise:	N/A
Sterilisation advise:	N/A
Manufacturing date:	N/A
Shelf life:	N/A

Postbus 95, 5140 AB Waalwijk • Zanddonkweg 6, 5144 NX Waalwijk • The Netherlands

Telefoon +31 (0)416 37 69 87 • **Fax** +31(0)416 37 56 02 • **E-mail** info@medical-leather.nl •

Website www.medical-leather.nl **Rabobank** 1308.95.377 • **BIC Code** RABONL2U • **IBAN nr.** NL63 RABO 0130 8953 77 •

KVK 18124129 • **BTW nr.** NL8145 15 745 B01



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DECLARATION OF CONFORMITY

The undersigned

C.J. Maas – Leder LEFA BV. / Medical Leather

In reference

To the REACH Regulation 1907/2006/CE

Concerning the Registration, Evaluation, Authorization

And the restriction of chemical substances

DECLARES THAT

- Our company purchases and sells foam sheets through the transformation of polymers, mineral fillers, pigments and chemicals. Therefore, as a user, our company is not bound to any registration
- According to the REACH Regulation polymers are exempted from registration (article 2) as well as most of the raw materials used.
- Through the raw material suppliers and sheet suppliers, we were able to ascertain compliance with the REACH legislation. In fact, the chemical manufacturers, where provided, have taken steps as for regular registration.
- With regard to the presence of hazardous substances (SVHC) mentioned in **the last list published by ECHA on 25/06/2020** we declare that our products, after curing, as supplied by us, has no hint of SVHC in a concentration above the threshold limit of 0.1%..

Pieve del Cairo, 22/07/2020

REACH Responsible

Pieter Maas

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Expertise: 2007406-01-30-01

Datum / Date: 2020-09-24
Dr. Anderie

Orderer: Medical Leather

Zanddonkweg 6, 5144 NX Waalwijk, The Netherlands

Order: Examination of materials
Your letter/Fax/Email dated 2020-09-14

Received: 2020-09-16

Test item:

- A** RUBBER 60453
- B** TPU 70884
- C** TR EXP. 70717
- D** TR COMP. 70885
- E** PU INT. PINTADO NEGRO SOFT 13854
- F** PU INT. PINTADO BLANCO 2K
- G** PU BAYER 12575
- H** PU DURO 13181
- I** PU BLANDO- HAVILA
- J** PU CUSHUP + RUBBER 13916
- K** PU INTERMEDIO 13866
- L** EVA FF- GABOR
- M** EVA E-173- BLANCO
- N** EVA MI/ P - GRIS
- O** RUBBER - CORK- 31764
- P** LATEX- CORK 35008
- Q** SOLE GABOR 62-72-21, M13965

Test results (Test item as received):

Description of the procedures, shortcuts and detailed results of the tested samples on the following pages.

Parameter	Unit	Result*	Material	Rating
2-Mercaptobenzothiazole	mg/kg	SEP	EP	0
Acetophenon / 2-Phenyl-2-Propanol	mg/kg	< 10	EP	0
Alkylphenoles, OP+NP	mg/kg	SEP	MP	0
Alkylphenole Ethoxylates, OPEO+NPEO	mg/kg	-		
Bis[2-methoxyethyl]ether, BMEE	mg/kg	-		
Chlorinated Phenoles, PCP, TeCP, TriCP, DiCP, MCP	mg/kg	< 1.0	MP	0
Chlorinated Organic Carrier isomer (sum)	mg/kg	-		
Chlorinated Paraffines, short-chain (sum)	mg/kg	< 500	MP	0
Chlorinated Paraffines, medium-chain (sum)	mg/kg	< 500	MP	0
Chromium VI-Aging	mg/kg	-		
Dimethylacetamide, DMAc	mg/kg	-		

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Parameter	Unit	Result*	Material	Rating
Dimethylformamide, DMFA	mg/kg	-		
Dimethylfumarate, DMF	mg/kg	-		
Disperse Dyes allergenic	mg/kg	-		
Carcinogenic Dyes	mg/kg	-		
Dystuffs, others	mg/kg	-		
Dystuffs, others (blue colorant)	mg/kg	-		
Flame Retardants (HBCDD, PBB, pentaBDE, octaBDE, decaBDE, TRIS)	mg/kg	-		
Flame Retardants (TCEP, TEPA)	mg/kg	-		
Volatile organic compounds, VOC (sum)	mg/kg	SEP	MP	0
Formaldehyde Textiles	mg/kg	< 20		0
Formamide	mg/kg	SEP	EP	0
Preserving agents	mg/kg	-		
N-Methyl-2-pyrrolidon, NMP	mg/kg	-		
Nitrosamines (sum)	mg/kg	-		
Perfluorinated compounds, PFC	µg/m ²	-		
Phthalates	%	< 0.05	MP	0
Polycyclic aromatic hydrocarbons, PAH (sum)	mg/kg	SEP	MP	0
Quinoline	mg/kg	-		
Soluble heavy metals, total	mg/kg	-		
Content of Lead after total digestion	mg/kg	SEP	MP	0
Content of Cadmium after total digestion	mg/kg	< 10	MP	0
Content of Chrome after total digestion	mg/kg	-		
Prohibited aromatic amines, AZO	mg/kg	-		
Tinorganic compounds	mg/kg	SEP	MP	1
Phenylenediamine (free)	mg/kg	-		
pH-Value		-		

Rating:

0 = Sample meets the CADS requirements

1 = Further test necessary

2 = Sample failed the CADS requirements

- = not tested or material not available

Remarks:

n.n = not detectable (n.d.), MP = mixed materials, EP = single material test, SEP = see detailed results

* Explicit given results for mixed materials (MP) are the total content of the sample. For values with sign of inequality the content of each material of the mixed sample is below the given value

Dr. I. Anderie
(Abteilungsleitung / Department Management)Dr. K. Schulte
(Institutsleitung / Managing Director)

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Appendix to expertise 2007406-01-30-01

Single results of the tested samples

Parameter	Material	Result*	Unit	Rating
2-Mercaptobenzothiazole	1: (A) SO rubber, (O) rubber cork, (J) SO rubber black	8.0	mg/kg	0
2-Mercaptobenzothiazole	2: (P) latex cork	243	mg/kg	2
Acetophenon / 2-Phenyl-2-Propanol	1: (L) EVA, (M) EVA, (N) EVA	< 10	mg/kg	0
Alkylphenoles, OP+NP	1: (A) SO rubber, (B) SO TPU, (C) SO TR, (D) SO TR	< 30 NP < 30 OP	mg/kg	0
Alkylphenoles, OP+NP	2: (E) SO PUR, (F) SO PUR, (G) SO PUR, (H) SO PUR	< 30 NP < 30 OP	mg/kg	0
Alkylphenoles, OP+NP	3: (I) SO PUR, (J) SO PUR, (K) SO PUR, (L) EVA	< 30 NP < 30 OP	mg/kg	0
Alkylphenoles, OP+NP	4: (M) EVA, (N) EVA, (O) rubber cork, (P) latex cork	< 30 NP < 30 OP	mg/kg	0
Alkylphenoles, OP+NP	5: (Q) SO PUR	< 30 NP < 30 OP	mg/kg	0
Alkylphenole Ethoxylates, OPEO+NPEO	PNR	-	mg/kg	
Bis[2-methoxyethyl]ether, BMEE	PNR	-	mg/kg	
Chlorinated Phenoles, PCP, TeCP, TriCP, DiCP, MCP	1: (L) EVA, (M) EVA, (N) EVA	< 1.0	mg/kg	0
Chlorinated Phenoles, PCP, TeCP, TriCP, DiCP, MCP	2: (P) latex cork, (Q) SO PUR	< 1.0	mg/kg	0
Chlorinated Organic Carrier isomer (sum)	PNR	-	mg/kg	
Chlorinated Paraffines, short-chain (sum)	1: (A) SO rubber, (B) SO TPU, (C) SO TR, (D) SO TR, (E) SO PUR	< 500	mg/kg	0
Chlorinated Paraffines, short-chain (sum)	2: (F) SO PUR, (G) SO PUR, (H) SO PUR, (I) SO PUR, (J) SO PUR white	< 500	mg/kg	0
Chlorinated Paraffines, short-chain (sum)	3: (K) SO PUR, (L) EVA, (M) EVA, (N) EVA, (O) rubber cork	< 500	mg/kg	0
Chlorinated Paraffines, short-chain (sum)	4: (P) latex cork, (Q) SO PUR, (J) SO rubber black	< 500	mg/kg	0
Chlorinated Paraffines, medium-chain (sum)	1: (A) SO rubber, (B) SO TPU, (C) SO TR, (D) SO TR, (E) SO PUR	< 500	mg/kg	0
Chlorinated Paraffines, medium-chain (sum)	2: (F) SO PUR, (G) SO PUR, (H) SO PUR, (I) SO PUR, (J) SO PUR white	< 500	mg/kg	0
Chlorinated Paraffines, medium-chain (sum)	3: (K) SO PUR, (L) EVA, (M) EVA, (N) EVA, (O) rubber cork	< 500	mg/kg	0
Chlorinated Paraffines, medium-chain (sum)	4: (P) latex cork, (Q) SO PUR, (J) SO rubber black	< 500	mg/kg	0
Chromium VI-Aging	PNR	-	mg/kg	
Dimethylacetamide, DMAc	PNR	-	mg/kg	
Dimethylformamide, DMFA	PNR	-	mg/kg	
Dimethylfumarate, DMF	PNR	-	mg/kg	
Disperse Dyes allergenic	PNR	-	mg/kg	

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Parameter	Material	Result*	Unit	Rating
Carcinogenic Dyes	PNR	-	mg/kg	
Dystuffs, others	PNR	-	mg/kg	
Dystuffs, others (blue colorant)	PNR	-	mg/kg	
Flame Retardants (HBCDD, PBB, pentaBDE, octaBDE, decaBDE, TRIS)	PNR	-	mg/kg	
Flame Retardants (TCEP, TEPA)	PNR	-	mg/kg	
Volatile organic compounds, VOC (sum)	1: (A) SO rubber, (B) SO TPU, (C) SO TR, (D) SO TR, (E) SO PUR	< 5 Benzene < 10 others	mg/kg	0
Volatile organic compounds, VOC (sum)	2: (F) SO PUR, (G) SO PUR, (H) SO PUR, (I) SO PUR, (J) SO PUR	< 5 Benzene < 10 others	mg/kg	0
Volatile organic compounds, VOC (sum)	3: (K) SO PUR, (L) EVA, (M) EVA, (N) EVA, (O) rubber cork	< 5 Benzene < 10 others	mg/kg	0
Volatile organic compounds, VOC (sum)	12: (P) latex cork, (Q) SO PUR	< 5 Benzene < 10 others	mg/kg	0
Formaldehyde Textiles	PNR	< 20	mg/kg	0
Formamide	1: (L) EVA	13	mg/kg	0
Formamide	2: (M) EVA	34	mg/kg	0
Formamide	3: (N) EVA	79	mg/kg	0
Preserving agents	PNR	-	mg/kg	
N-Methyl-2-pyrrolidon, NMP	PNR	-	mg/kg	
Nitrosamines (sum)	PNR	-	mg/kg	
Perfluorinated compounds, PFC	PNR	-	µg/m ²	
Phthalates	1: (A) SO rubber, (B) SO TPU, (C) SO TR, (D) SO TR, (E) SO PUR	< 0.05	%	0
Phthalates	2: (F) SO PUR, (G) SO PUR, (H) SO PUR, (I) SO PUR, (J) SO PUR	< 0.05	%	0
Phthalates	3: (K) SO PUR, (L) EVA, (M) EVA, (N) EVA, (O) rubber cork	< 0.05	%	0
Phthalates	4: (P) latex cork, (Q) SO PUR	< 0.05	%	0
Polycyclic aromatic hydrocarbons, PAH (sum)	1: (A) SO rubber, (B) SO TPU, (C) SO TR, (D) SO TR, (E) SO PUR	0.2 Phenanthren	mg/kg	0
Polycyclic aromatic hydrocarbons, PAH (sum)	2: (F) SO PUR, (G) SO PUR, (H) SO PUR, (I) SO PUR, (J) SO PUR	< 0.1	mg/kg	0
Polycyclic aromatic hydrocarbons, PAH (sum)	3: (K) SO PUR, (L) EVA, (M) EVA, (N) EVA, (O) rubber cork	0.2 Phenanthren	mg/kg	0
Polycyclic aromatic hydrocarbons, PAH (sum)	4: (P) latex cork, (Q) SO PUR	< 0.1	mg/kg	0
Quinoline	PNR	-	mg/kg	
Soluble heavy metals, total	PNR	-	mg/kg	
Content of Lead after total digestion	1: (A) SO rubber, (B) SO TPU, (C) SO TR, (D) SO TR, (E) SO PUR	4.6	mg/kg	0
Content of Lead after total digestion	2: (F) SO PUR, (G) SO PUR, (H) SO PUR, (I) SO PUR, (J) SO PUR white	< 10	mg/kg	0

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Expertise:

2007406-01-30-01

Datum / Date: 2020-09-24
Dr. Anderie

Parameter	Material	Result*	Unit	Rating
Content of Lead after total digestion	3: (K) SO PUR, (L) EVA, (M) EVA, (N) EVA, (O) rubber cork	< 10	mg/kg	0
Content of Lead after total digestion	4: (P) latex cork, (Q) SO PUR, (J) SO rubber black	< 10	mg/kg	0
Content of Cadmium after total digestion	1: (A) SO rubber, (B) SO TPU, (C) SO TR, (D) SO TR, (E) SO PUR	< 10	mg/kg	0
Content of Cadmium after total digestion	2: (F) SO PUR, (G) SO PUR, (H) SO PUR, (I) SO PUR, (J) SO PUR white	< 10	mg/kg	0
Content of Cadmium after total digestion	3: (K) SO PUR, (L) EVA, (M) EVA, (N) EVA, (O) rubber cork	< 10	mg/kg	0
Content of Cadmium after total digestion	4: (P) latex cork, (Q) SO PUR, (J) SO rubber black	< 10	mg/kg	0
Content of Chrome after total digestion	PNR	-	mg/kg	
Prohibited aromatic amines, AZO	PNR	-	mg/kg	
Tinorganic compounds	1: (A) SO rubber, (B) SO TPU, (C) SO TR	< 1.0	mg/kg	0
Tinorganic compounds	2: (D) SO TR, (E) SO PUR, (F) SO PUR	< 1.0	mg/kg	0
Tinorganic compounds	3: (G) SO PUR, (H) SO PUR, (I) SO PUR	< 1.0	mg/kg	0
Tinorganic compounds	4: (J) SO PUR, (K) SO PUR, (L) EVA	0.4 MBT 3.5 DBT < 1.0 others	mg/kg	1
Tinorganic compounds	5: (M) EVA, (N) EVA, (O) rubber cork	< 1.0	mg/kg	0
Tinorganic compounds	6: (P) latex cork, (Q) SO PUR	< 1.0	mg/kg	0
Phenylenediamine (free)	PNR	-	mg/kg	
pH-Value	PNR	-		

Shortcut	English	Shortcut	English	Shortcut	English	Shortcut	English
AB	shoe heel	GZ	elastic	OL	upper leather	SO	outsole
BS	insole	HK	heel cap	OM	upper material	SO	eyelet
BSL	insole leather	HZ	wood	PNR	testing not relevant	SOL	sole leather
DF	heel patch	KHK	no direct skin contact	PP	paperboard	SR	sole welt
DKN	press button	KK	plastic compact	PT	typical of product	SW	new wool
DSL	sock leather	KN	button	RSV	zipper	syn.	synthetic
DSM	sock material	KO	cork	RSV-AD	zipper covering	TX	textile
EB	piping	KV	velcro	SB	shoe lace	VK	toe cap
EBL	heel lining leather	LE	leather	SBL	shoe lace leather	ZB	fancy tape
FFM	heel lining material	MHK	with direct skin contact	Schl	loop	ZM	intermediate material
FL	lining leather	MS	metal loop	SE	sole insertion	ZS	toe spreader
FM	lining material	NAD	seam covering	SM	foam	ZWM	not enough material
GP	whole product			SN	buckle		

Examination Procedure:

Test methods are part of the laboratory accreditation (D-PL-14150-01-00)

Shortened form: 2-Mercaptobenzothiazole**Determination of 2-Mercaptobenzothiazole**

according to prEN ISO 13365-1/2019

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Shortened form: Acetophenon / 2-Phenyl-2-Propanol
Determination of the solvent residues Acetophenon and 2-Phenyl-2-propanol
using Headspace GC-MS

Shortened form: Alkylphenoles, OP+NP
Determination of Nonylphenole (NP) and Octylphenole (OP)
EN ISO 21084:2019

Shortened form: Alkylphenole Ethoxylates, OPEO+NPEO
Determination of Nonylphenol ethoxylates (NPEO) and Octylphenol ethoxylates (OPEO)
DIN EN ISO 18218-1:2015 for leather and DIN EN ISO 18254-1:2016 for textiles

Shortened form: Chlorinated Phenoles, PCP, TeCP, TriCP, DiCP, MCP
Determination of Pentachlorophenol, Tetrachlorophenol, Trichlorophenol, Dichlorophenol and Monochlorophenol-Isomers
DIN EN ISO 17070:2015-05

Shortened form: Chlorinated Organic Carrier isomer (sum)
Determination of Chlorinated organic Carrier in textiles
DIN EN 17137: 2019-02

Shortened form: Chlorinated Paraffines, short-chain (sum)
Determination of short-chain chlorinated paraffines (C10 - C13)
DIN EN ISO 18219:2016 for Leather
according to DIN EN ISO 18219:2016 for textiles
after extraction with toluene with GC-MS for plastics

Shortened form: Chlorinated Paraffines, medium-chain (sum)
Determination of medium-chain chlorinated paraffines (C14 - C17)
DIN EN ISO 18219:2016 for Leather
according to DIN EN ISO 18219:2016 for textiles
after extraction with toluene with GC-MS for plastics

Shortened form: Chromium VI-Aging
Determination of Chromium VI in leather after aging procedure
Aging procedure E ISO/FDIS 10195:2018-01 - 24 hrs at +80 deg C, < 5 % RH
Analysis according to DIN EN ISO 17075-2:2017-05 and BVL B 82.02-11:2008-10

Shortened form: Dimethylacetamide, DMAc
Determination of Dimethylacetamide
according to CEN ISO/TS 16189:2013

Shortened form: Dimethylformamide, DMFA
Determination of Dimethylformamide in PU materials
CEN ISO/TS 16189:2013
DIN SPEC 52411

Shortened form: Disperse Dyes allergenic
Detection of allergenic Disperse Dyes
DIN 54231:2005-11 and BVL B 82.02-10:2007-03, Draft standard DIN EN ISO 16373-2:2012-05

Shortened form: Carcinogenic Dyes
Detection of Carcinogenic Dyes
according to DIN 54231:2005-11 and BVL B 82.02-10:2007-03; draft standard DIN EN ISO 16373-2:2012-05 and
draft standard DIN EN ISO 16373-3:2012-11

Shortened form: Dystuffs, others
Detection of the dyestuffs (Basic Blue 26, Basic green 4, Solvent yellow 2 and 14, Basic Violet 1, Direct blue 218 and Acid violet 49)
DIN 54231:2005-11 and BVL B 82.02-10:2007-03, Draft standard DIN EN ISO 16373-2:2012-05

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Expertise: 2007406-01-30-01

Datum / Date: 2020-09-24
Dr. Anderie

Shortened form: Dystuffs, others (blue colorant)
Detection of the dyestuff blue colorant (EC 405-6654; Index 611-070-00-2)
DIN 54231:2005-11 and BVL B 82.02-10:2007-03, Draft standard DIN EN ISO 16373-2:2012-05

Shortened form: Volatile organic compounds, VOC (sum)
Determination of Volatile Organic Compounds (directive 1999/13/EC)
using Headspace-GC-MS

Shortened form: Formaldehyde Textiles
Determination of free and hydrolytic Formaldehyde in textile
DIN EN ISO 14184-1:2014 and BVL B 82.02-1:1985-06

Shortened form: Formamide
Determination of Formamide
CEN ISO/TS 16189:2013
DIN SPEC 52411

Shortened form: Preserving agents
Determination of preserving agents
prEN ISO 13365:2019

Shortened form: Perfluorinated compounds, PFC
Determination of perfluorinated compounds
according to DIN CEN / TS 15968:2010-11
according to DIN EN ISO 23702-1:2019 for leather

Shortened form: Phthalates
Determination of selected phthalates
ISO 14389:2014
CEN ISO/TS 16181; DIN SPEC 91181:2011
according to CPSC-CH-C1001-09.4

Shortened form: Polycyclic aromatic hydrocarbons, PAH (sum)
Determination of Polycyclic Aromatic Hydrocarbons PAH
according to AfPS GS 2019:01 PAK or ZEK 01.4-08:2011-11
Remark: For sum formation only those PAH components were taken into account, which have been specified in the material above 0.2 mg/kg

Shortened form: Quinoline
Determination of Quinoline
according to DIN 54231:2005

Shortened form: Soluble heavy metals, total
Determination of soluble Heavy Metals
ISO 17072-1:2019 for leather
DIN EN 16711-2:2016 for textiles

Shortened form: Content of Lead after total digestion
Determination of Heavy Metals after total digestion
ISO 17072-2:2019 for leather
DIN EN 16711-1:2016 for textiles
DIN EN 16711-1:2016 (DIN EN 14602: 2012, incl. DIN EN 1122:2002) for plastics/metal parts/foams
CPSC-CH-E1002-08.3 / CPSC-CH-E1003-09.1

Shortened form: Content of Cadmium after total digestion
Determination of the content of Cadmium after total digestion
ISO 17072-2:2019 for leather
DIN EN 16711-1:2016 for textiles
DIN EN 16711-1:2016 (DIN EN 14602: 2012, incl. DIN EN 1122:2002) for plastics/metal parts/foams

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Shortened form: Content of Chrome after total digestion**Determination of Heavy Metals after total digestion**

ISO 17072-2:2019 for leather

DIN EN 16711-1:2016 for textiles

DIN EN 16711-1:2016 (DIN EN 14602: 2012, incl. DIN EN 1122:2002) for plastics/metal parts/foams

CPSC-CH-E1002-08.3 / CPSC-CH-E1003-09.1

Shortened form: Prohibited aromatic amines, AZO**Detection of prohibited aromatic amines from Azo-dyes**

Draft standard EN ISO 17234-1:2019 and DIN EN ISO 17234-2:2011-06 and BVL B 82.02-3(V):2004-06 for leather

DIN EN 14362-1:2017-05 and BVL B 82.02-2:2004-06 for textiles and BVL B 82.02-4:2004-6 for polyester

DIN EN 14362-3:2017-05 and BVL B 82.02-9:2006-09 / BVL B 82.02-9:2006-09 revision:2008-03 (4-Amino-azobenzene) for textiles/polyester

Shortened form: Tinorganic compounds**Determination of Tinorganic compounds**

TR DIN EN ISO/TS 16179; DIN SPEC 91179:2012-12

Dibutyltin (DBT), Dibutyltin dichloride (DBTC), Dioctyltin (DOT), Monobutyltin (MBT), Tributyltin (TBT), Triphenyltin (TPhT), Mono-octyltin (MOT), Bis(tributyltin)oxide (TBTO), Dimethyltin (DMT), Diphenyltin (DPhT), Dipropyltin (DPT), Monophenyltin (MPHT), Tetra-butyltin (TeBT), Tricyclohexyltin (TCyHT), Trimethyltin (TMT), Trioctyltin (TOT), Tripropyltin (TPT)

Shortened form: pH-Value**Determination of the pH-Value of the aqueous extract (KCI) for materials with skin contact**

EN ISO 4045:2018 and BVL B 82.02-12:2011-12 for leather and EN ISO 3071:2006 (5.2) for textiles

Test methods are not part of the laboratory accreditation (D-PL-14150-01-00)

Shortened form: Bis[2-methoxyethyl]ether, BMEE**Determination of Bis[2-methoxyethyl]ether**

according to CEN ISO/TS 16189:2013

DIN SPEC 52411

Shortened form: Dimethylfumarate, DMF**Determination of Dimethylfumarate**

CEN ISO/TS 16186:2012; DIN SPEC 53280:2012-12

Shortened form: Flame Retardants (HBCDD, PBB, pentaBDE, octaBDE, decaBDE, TRIS)**Determination of flame retardants (HBCDD, PBB, pentaBDE, octaBDE, decaBDE, TRIS)**

using GC-MS after extraction with toluene for leather; according to DIN EN ISO 17881-1:2016 for textiles

Shortened form: Flame Retardants (TCEP, TEPA)**Determination of Flame retardants (TCEP, TEPA)**

using GC-MS after extraction with toluene for leather; according to DIN EN ISO 17881-2:2016 for textiles

Shortened form: N-Methyl-2-pyrrolidone, NMP**Determination of N-Methyl-2-pyrrolidone (NMP) in materials**

EN ISO 19070:2016

Shortened form: Nitrosamines (sum)**Determination of Nitrosamines in caoutchouc and latex (contracting-out)**

Determination of the Nitrosamines N-Nitrosodimethylamin (NDMA), N-Nitrosodiethylamin (NDEA), N-Nitrosodipropylamin (NDPA), N-Nitrosoethylmethylamin (NEMA), N-Nitrosodiisobutylamin (NDIBA), N-Nitrosodibutylamin (NDBA), N-Nitrosomorpholin (NMOR), N-Nitrosopyrrolidin (NPYR), N-Nitrosopiperidin (NPIP), N-Nitrosoethylphenylamin (NEPhA), N-Nitrosomethylphenylamin (NMPhA), N-Nitrosodiisononylamin (NDiNA), N-Nitrosodibenzylamin (NDBzA) in caoutchouc and latex according to DIN EN 12868:2017 (Migration 24h with 40°C, without boiling) / DIN EN 71-12:2017

Shortened form: Phenylenediamine (free)**Detection of free Phenylenediamine**

Method under processing

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