

Prüfbericht
Test report

Nr. / No.: 19-00248-CT-IST-00

Test, according to the directive of the council of the European Community on the
Approximation of the laws of the Member States relating to

**The burning behaviour of materials used in the interior
construction of certain categories of motor vehicles**

**ECE Regulation 118. 03 series of amendments dated 10th October 2017 (Part II) as well
as tests according FMVSS 302 (USA) and CMVSS 302 (Canada) ECE R118.03**

Genehmigungsstand / Approval status	
☐	Erteilung einer Typgenehmigung <i>Granting of a type approval</i>
☐	Nachtrag/Änderung zur Typgenehmigung Nr. <i>Extension/correction to type approval no.</i>
☒	Erteilung einer Prüfbericht <i>Granting of a technical report</i>
☐	Nachtrag/Änderung zur Prüfbericht Nr. <i>Extension/correction to technical report no.</i>

Gründe des Nachtrags / Reasons for extension

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I. Allgemein / *General*

Fabrikmarke / <i>Make (0.1)</i>	Classified
Typ / <i>Type (0.2)</i>	Solid EPDM Rubber Mixture
Handelsname(n) / <i>Commercial description(s) (0.3)</i>	A212 Rubber Mixture
Fahrzeugklasse(n) / <i>Category of vehicle (0.4)</i>	n.a.
Name und Anschrift des Herstellers / <i>Name and address of manufacturer (0.5)</i>	Classified
Address of assembly plant(s) / <i>Anschrift(en) der Fertigungsstätte(n)</i>	Classified
Name und Anschrift des Bevollmächtigten des Herstellers / <i>Name and address of the manufacturer's representative</i>	n.a.
Kennziffer der Beschreibungsmappe / <i>Reference number of information folder</i>	Solid EPDM Rubber
Ausgabedatum der Beschreibungsmappe / <i>Date of issue of information folder</i>	Mixture-00 01.11.2019
Lage und Anbringungsart des Typgenehmigungszeichens / <i>Location and method of affixing of the approval mark</i>	n.a.

II. Prüfergebnisse / *Test results*

Siehe Anhang / *Refer to the Annex*

III. Anlagen / *Enclosures*

Beschreibungsmappe / *Information Folder*

IV. Bestätigung / Statement of conformity

Die erwähnte Beschreibungsmappe und der darin beschriebene Typ entsprechen der genannten Prüfgrundlage. Der ungünstigste Fall wurde entsprechend der Prozessbeschreibung "Erstellung von Gutachten" bestimmt.

Der Prüfbericht darf nur vom Auftraggeber und nur in vollem Wortlaut vervielfältigt und weitergegeben werden. Eine auszugsweise Vervielfältigung und Veröffentlichung des Prüfberichtes ist nur nach schriftlicher Genehmigung zulässig.

The mentioned information folder and the type described therein are in accordance with the test basis mentioned above. The worst-case was selected in accordance with document "Preparation of Test Reports".

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TÜV SÜD Auto Service GmbH ist benannt als Technischer Dienst durch:

TÜV SÜD Auto Service GmbH is designated as Technical Service by:

Genehmigungsbehörde Approval authority	Land Country	Registriernummer Registration number
Kraftfahrt-Bundesamt (KBA)	Deutschland Germany	KBA-P 00100-10
Vehicle Certification Agency (VCA)	Vereinigtes Königreich United Kingdom	VCA-TS-006
Approval Authority of the Netherlands (RDW)	Niederlande The Netherlands	RDWT-082-xx
National Standards Authority of Ireland (NSAI)	Irland Ireland	Technical Service Number: 49



Munich, 11.11.2019

Fatih Tüzün
Authorised Signatory

Anhang / Annex

I. Features of the material:

- I.1. Manufacturer: Classified
- I.2. Type: Solid EPDM Rubber Mixture
- Base material / designation: EPDM Rubber
- I.3. ~~Composite material~~ / Single material: Single material
- For composite material number of layers: n.a.
- I.4. Type of surface material: n.a.
- I.5. Colour: Black
- I.6. Thickness: 6 mm – 13 mm

II. Test Record:

II.1. Tests carried out:

Testing of the burning behaviour of interior materials according to ECE R118.03

☒ ECE R118.03 Annex 6
FMVSS 302 and CMVSS302

☒ ECE R118.03 Annex 7

☐ ECE R118.03 Annex 8

☐ ECE R118.03 Annex 9

II.2. Test results:

☒ The requirements concerning the burning behaviour according to ECE R118 Appendix 6/8 are met. They were verified in

☒ ↔ Horizontal direction
ECE R118.03 (Annex 6) FMVSS 302 and CMVSS 302

☐ ↑↓ Vertical direction and
ECE R118.03 (Annex 8)

☐ ↕ Horizontal and vertical direction
ECE R118.03 (Annex 6 and 8)

☒ The requirements concerning the melting behaviour according to ECE R118.03 Annex 7 are met

a) Annex 6 – Horizontal burning behaviour

Sample No.	Dimension (mm)	Burnt distance (mm)	Time (s)	Burning Rate (mm/min.)	Worst case burning rate (mm/min.)	Requirement (mm/min.)
1	356 x 100 x 6	0	0	0	0	≤100
2		0	0	0		
3		0	0	0		
4		0	0	0		
5		0	0	0		

b) Annex 7 – Melting behaviour

Sample No.	Dimension (mm)	Sample weight > 2g	Drops		Cotton wool ignition	Requirement
			Unburning particles	Burning particles		
1	70 x 70 x 6	36.15	N	N	N	No drop is formed which ignites cotton wool
2		36.34	N	N	N	
3		36.30	N	N	N	
4		36.21	N	N	N	

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Hersteller / *Manufacturer:* Classified
Typ / *Type:* Solid EPDM Rubber Mixture



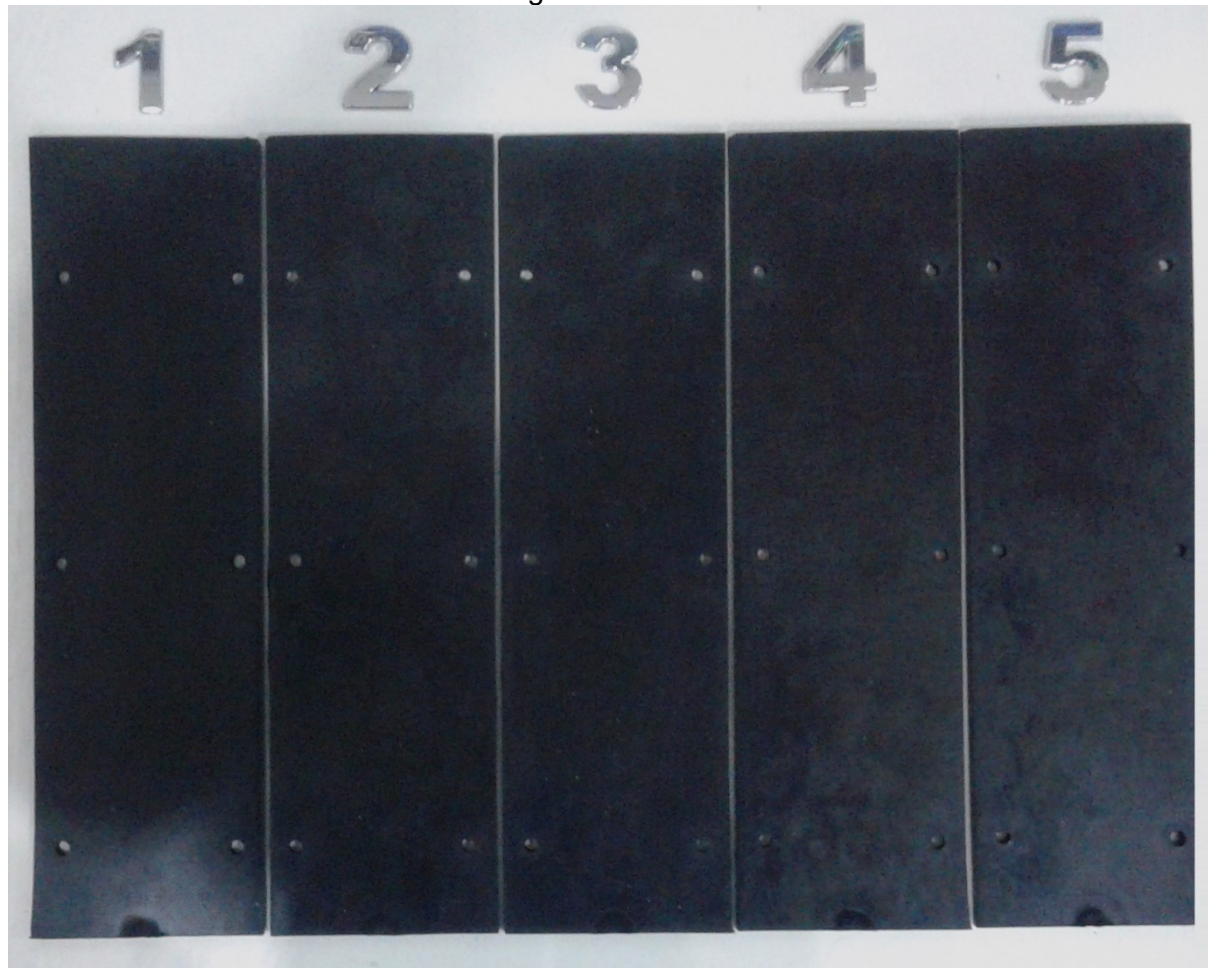
II.3. Measuring and test equipment:

Caliper	AS-EQ-008
Stop Watch	AS-EQ-035
Tape Measure	AS-EQ-105
Steel Ruler	AS-EQ-116
Thermometer	AS-EQ-117
Hygrometer	AS-EQ-118
Laser Heat Meter	AS-EQ-122
Tiltmeter	AS-EQ-123
Digital Scales	AS-EQ-139

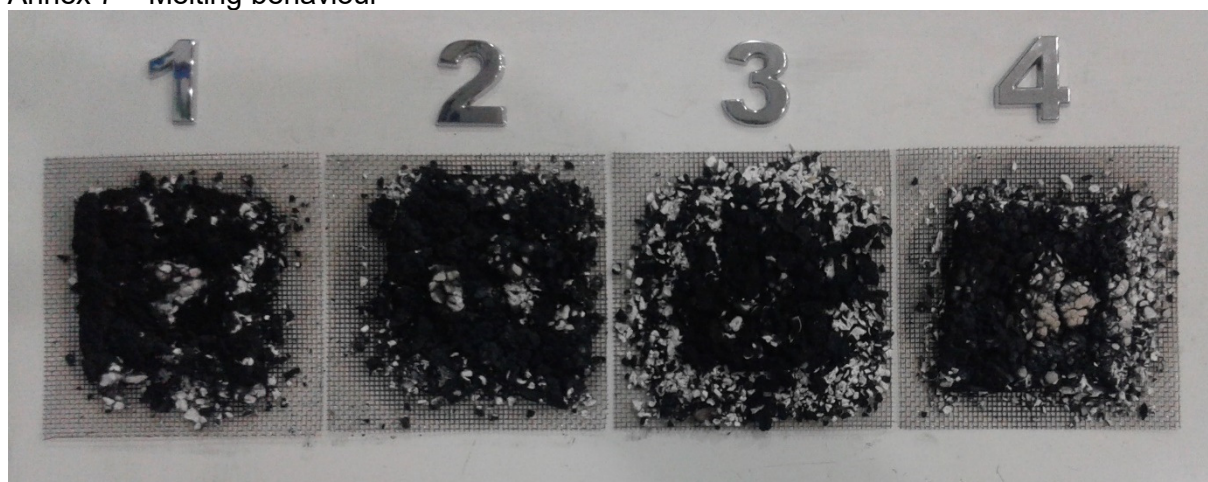
III. **Place and date of the Test:** Bursa (TR), 08.11.2019

IV. **Remarks:** n.a

ECE R118.03 Annex 6 horizontal burning behaviour



Annex 7 – Melting behaviour



CLASSIFIED	According to ECE R118.03	Doc. No:	Solid EPDM Rubber Mixture-00
	INFORMATION DOCUMENT	Date:	01.11.2019
		Ext. No:	
		Ext. Date:	
	In accordance with Paragraph 3.2. of the Regulation relating to the Type approval of a component used in the interior compartment, the engine compartment and any separate heating compartment with regard to its burning behaviour and/or the capability to repel fuel or lubricant of insulation materials used in the engine compartment and any separate heating compartment		Page: 1 / 1

1. GENERAL

- 1.1. Make (trade name of manufacturer) : Classified
- 1.2. Type and general commercial description(s) : Solid EPDM Rubber Mixture
- 1.3. Name and address of manufacturer : Classified
- 1.4. In the case of components and separate technical units, location and method of affixing of the ECE approval mark : n.a.
- 1.5. Address(es) of assembly plant(s) : Classified

2. INTERIOR MATERIALS

- 2.1. Material(s) intended for : horizontal / ~~vertical~~ / ~~horizontal and vertical~~ installation⁽⁴⁾
- Material intended to be installed more than 500mm above the seat cushion and/or in the roof of the vehicle : yes / ~~not applicable~~⁽⁴⁾
- 2.2. Base material(s)/designation : EPDM Rubber
- 2.3. ~~Composite~~/single⁽¹⁾ material, number of layers⁽¹⁾ : -
- 2.4. Type of coating⁽¹⁾ : n.a.
- 2.5. Maximum/minimum thickness : 6 mm – 13 mm
- 2.6. Type-approval number, if available : n.a.
- 2.7. Colour(s) : Black

3. INSULATION MATERIALS

N.A

4. ELECTRIC CABLES

N.A

⁽¹⁾Strike out what does not apply