

Test report No.: 17-00003-CT-IST-00
Manufacturer : TONG XIANG GELIN TEXTILE CO.,LTD.
Type : MOQ.WP

Page 1 of 4

Test Report Nr. 17-00003-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. 02 series of amendments dated 26th July 2012 (Part II)
as well as tests according FMVSS 302 (USA) and CMVSS 302 (Canada)
ECE R-118.02 Supplement 2**

Applicant:

TONG XIANG GELIN TEXTILE CO.,LTD.
No.3852,East Huancheng Rd,Wutong Industrial Zone, Tongxiang City
China/Zhejiang

I. Features of the material:

- I.1. Manufacturer: TONG XIANG GELIN TEXTILE CO.,LTD.
MOQ.WP
- I.2 Type: 30% WO, 70% PES / (Seat material)
Base material / designation:
- I.3. Composite material / Single material: Single material
For composite material number of layers: -
- I.4. Type of surface material: 30% WO,70% PES
- I.5. Colour: Dark blue with blue points and orange patterned
- I.6 Thickness: 3 ± 0,2 mm

Test report No.: 17-00003-CT-IST-00
 Manufacturer : TONG XIANG GELIN TEXTILE CO.,LTD.
 Type : MOQ.WP

II. Test Record:

II.1. Tests carried out:

Testing of the burning behaviour of interior materials according to ECE- R 118.02

- ECE- R 118.02 Annex 6 ECE- R 118.02 Annex 7
 ECE- R 118.02 Annex 8 FMVSS 302 and CMVSS302

II.2. Test results:

- The requirements concerning the burning behaviour according to ECE-R 118 Annex 6/ 8 are met. They were verified in

- ↔ Horizontal direction
ECE-R 118.02 (Annex 6) FMVSS 302 and CMVSS 302
 ↑↓ Vertical direction and
ECE-R 118.02 (Annex 8)
 ↕ horizontal and vertical direction
ECE-R 118.02 (Annex 6 and 8)

- The requirements concerning the melting behaviour according to **ECE-R 118.02** 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	155 x 100 x 3	0	0	0,00	0,00	≤ 100
2		0	0	0,00		
3		0	0	0,00		
4		0	0	0,00		
5		0	0	0,00		

b) Annex 7 – Melting behaviour

Sample No.	Dimension (mm)	Drops		Cotton wool ignition	Requirement
		Unburning particles	Burning particles		
1	70 x 70 x 3	N	N	N	No drop is formed which ignites cotton wool
2		N	N	N	
3		N	N	N	
4		N	N	N	

Test report No.: 17-00003-CT-IST-00
Manufacturer : TONG XIANG GELIN TEXTILE CO.,LTD.
Type : MOQ.WP

c) Annex 8 – Vertical burning behaviour

Sample No.	Dimension (mm)	Time (s)			Burnt distance (mm)			Burning rate v_i (mm/min.)			Requirement (mm/min.)
		t_1	t_2	t_3	d_1	d_2	d_3	v_1	v_2	v_3	
1	560 x 170 x 3	0	0	0	0	0	0	0	0	0	≤ 100
2		0	0	0	0	0	0	0	0	0	
3		0	0	0	0	0	0	0	0	0	

II.3. Measuring and test equipment:

Testing equipment:	AS-EQ-005	Calibration date:	28.09.2016
Testing equipment:	AS-EQ-008	Calibration date:	30.01.2016
Testing equipment:	AS-EQ-028	Calibration date:	27.05.2016
Testing equipment:	AS-EQ-032	Calibration date:	26.07.2016
Testing equipment:	AS-EQ-033	Calibration date:	25.07.2016
Testing equipment:	AS-EQ-035	Calibration date:	25.07.2016
Testing equipment:	AS-EQ-093	Calibration date:	30.10.2015
Testing equipment:	AS-EQ-102	Calibration date:	18.05.2016
Testing equipment:	AS-EQ-104	Calibration date:	26.07.2016
Testing equipment:	AS-EQ-115	Calibration date:	27.08.2016
Testing equipment:	AS-EQ-116	Calibration date:	30.09.2016
Testing equipment:	AS-EQ-117	Calibration date:	24.09.2016
Testing equipment:	AS-EQ-118	Calibration date:	24.09.2016

III. Enclosures

Refer to information document Nr.
EPN-MOQ.WP-00 dated 06.01.2017

IV. Place and date of the Test: Bursa (TR) , 06.01.2017

Test report No.: 17-00003-CT-IST-00
 Manufacturer: TONG XIANG GELIN TEXTILE CO.,LTD.
 Type: MOQ.WP

V. Statement of conformity:

The information document as mentioned under No. III. and the type described therein are in compliance with the test specification mentioned above. The worst-case was selected in accordance with document "Preparation of Test Reports".

The test report may be reproduced and published in full and by the client only. It can be reproduced partially with the written permission of the test laboratory only.

TÜV SÜD Auto Service is designated as a Technical Service (EU / ECE) by:

Genehmigungsbehörde/ Approval authority	Land/Country	Registriernummer/ Registration-number	Aktueller Benennungsumfang/ Actual scope
Kraftfahrt-Bundesamt (KBA)	Deutschland/ Germany	KBA-P 00100-10	list www.kba.de
Vehicle Certification Agency (VCA)	Königreich/ United Kingdom	VCA-TS-006	http://ec.europa.eu/enterprise/sectors/automotive/approval-authorities-technical-services/technical-services/index_en.htm
Approval Authority of the Netherlands (RDW)	Niederlande/ The Netherlands	RDWT-082-01	
National Standards Authority of Ireland (NSAI)	Irland/ Ireland	Technical Service	
Vehicle Safety Certification Center (VSCC)	Taiwan/ Taiwan	Number: 49 DE04-06-2	http://www.vsc.org.tw/English/Default.aspx

Munich, 06.01.2017



Ing. Martin Hron
 Expert
 Ing. Martin Hron