

Technical Report No.: 122129 – 21 – TAC
Test method: ECE 118.03
Manufacturer / Order party: LOKHEN SRL Matera / Altamura, Italy
Product under test: Polipropilene copolimero-PP Copo-CAS N° 9010-79-1

1/3

**TECHNICAL REPORT
No. 122129 – 21 – TAC**

Test according to
Regulation ECE No. 118.03

**UNIFORM TECHNICAL PRESCRIPTIONS CONCERNING THE BURNING BEHAVIOUR
AND/OR THE CAPABILITY TO REPEL FUEL OR LUBRICANT OF MATERIALS USED
IN THE CONSTRUCTION OF CERTAIN CATEGORIES OF MOTOR VEHICLES**

Annex 6 – Test to determine the horizontal burning rate of materials

Test method: ECE No. 118.00 – date of entry into force: 2005-04-06
including all amendments up to and including:
ECE No. 118.03, supplement 01 – date of entry into force: 2018-10-16

Objectives: Base for quality check

I. Technical data

- 0.1.1. Order party: LOKHEN SRL
Via Selva, 101
70022 – Altamura (BA)
Italy
- 0.1.2. Manufacturer: LOKHEN SRL
Via Alberto Manicone
Z.I. Jesce 75100 – Matera (MT)
Italy
- 0.2. Product under test: POLIPROPILENE COPOLIMERO – PP COPO – CAS
N° 9010-79-1
- 0.3. Test required: Base for quality check

Technical Report No.: 122129 – 21 – TAC
 Test method: ECE 118.03
 Manufacturer / Order party: LOKHEN SRL Matera / Altamura, Italy
 Product under test: Polipropilene copolimero-PP Copo-CAS N° 9010-79-1

2/3

II. Test Report

1. Test conditions

1.1 Test sample

1.1.1. Technical data from manufacturer: The laboratory received for flammability test single material Polipropilene copolimero-PP Copo-CAS N° 9010-79-1, yellow, 5 pcs, dim. c. 160x100x1 mm (marked as a-e).

The job order was registered in the laboratory as No. 4723.

1.2. Test procedures used: The test was performed according to regulation ECE 118.03, Annex 6 and evaluated acc. to § 6.2.1.

1.3. Measuring and test equipment: Test equipment acc. to ECE 118, A6
 Length measure 500 mm, PM 778, KL 47473/2021,
 Stopwatch Microsplit, PM 0042, KL 0654/21,
 Thermohygrograph Commeter, PM 1438, KL 3127F/20.

1.4. Testing conditions: P = 1020 hPa
 t = 22 °C
 r.h. = 40 %

1.5. Test track or site: TÜV SÜD Czech s.r.o.
 KTG Bílý vrch
 193 00 Praha 9 – Horní Počernice
 Czech Republic

2. Test results: Test results are the following:

Material type	Sample mark.	Dimension [mm]	Burnt distance [mm]	Time [s]	Burn rate v [mm/min]	Burn rate (worst) v [mm/min]	Required v [mm/min]
Polipropilene copolimero-PP Copo-CAS N° 9010-79-1	a	160×100×1	100	181	33,1	33,1	≤100
	b			225	26,7		
	c			204	29,4		
	d			195	30,8		
	e			211	28,4		

Burn rate (worst) of Polipropilene copolimero-PP Copo-CAS N° 9010-79-1: v = 33,1 mm.min⁻¹.



Czech

TÜV SÜD Czech s.r.o.

Technical Report No.: 122129 – 21 – TAC
Test method: ECE 118.03
Manufacturer / Order party: LOKHEN SRL Matera / Altamura, Italy
Product under test: Polipropilene copolimero-PP Copo-CAS N° 9010-79-1

3/3

3. Specimens submitted to test on: 2021-08-30

4. Date of test: 2021-09-02

III. Other documentation

No other documentation

IV. Attachments

No Attachment

Measuring and test equipment and test site meet the requirements of the applicable legislation.
This report shall never be reproduced incomplete and without a written permission of the testing laboratory (except for use in the type-approval or approval documentation).

V. Final assessment

The described sample in tested items

complies

with the requirements of ECE 118.03
for base for quality check

This technical report consists of pages No. 1 to 3.



TÜV SÜD Czech s.r.o.
Novodvorská 994/138
142 21 Praha 4
Czech Republic
DIČ: CZ63987121 - 38 -


Milan Šťastný
Test executive



Matěj Dušek
Officially recognized expert

Prague, 2021-09-22

End of the technical report

	According to ECE R118.03	Doc. No:	9010-79-1
	INFORMATION DOCUMENT	Date:	30.08.2021
		Ext. No:	--
		Ext. Date:	--
	<i>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</i>	Page:	1 of 1

1. GENERAL

- 1.1. Make (trade name of manufacturer) : **LOKHEN**
- 1.2. Type and general commercial description(s) : **POLIPROPILENE COPOLIMERO – PP COPO – CAS N° 9010-79-1**
- 1.3. Name and address of applicant : **LOKHEN SRL**
Via Selva, 101
70022 – Altamura (BA)
Italy
- 1.4. In the case of components and separate technical units, location and method of affixing of the EEC approval mark : **Not applicable**
- 1.5. Address(es) of assembly plant(s) : **LOKHEN SRL**
Via Alberto Manicone
Z.I. Jesce 75100 – Matera (MT)
Italy

2. INTERIOR MATERIALS

- 2.1. Material(s) intended for : **horizontal installation**
- Material intended to be installed more than 500mm above the seat cushion and/or in the roof of the vehicle : **no**
- 2.2. Base material(s)/designation : **PP COPO – CAS N° 9010-79-1**
- 2.3. Single material, number of layers : **Single material**
- 2.4. Type of coating : **Not applicable**
- 2.5. Maximum/minimum thickness : **15,00mm/1,00 mm**
- 2.6. Type-approval number, if available : **Not applicable**