



MAAD PE 30

Description

Closed cells foam used as a thermal and soundproofing insulation. Lightweight, non-moisture absorbing, elastic foam available in various kinds: fireproof, anti-static, or resistant to UV and high temperatures. The foam is available in the form of plates or laggings.

MAAD PE 30 has an approval certificate issued by Transport Technical Supervision TDT. The material is registered in an international database IMDS.

Application



TECHNICAL PARAMETERS:

Density			30 kg/m ³
FIRE PERFORMANCE	FMVSS 302	ECE-R Annex 6, 7, 8	f<100mm/min
	DIN 75200		fulfilled
	ISO 3795		fulfilled
	EG 95/28 aneks IV		fulfilled
TENSILE STRENGTH	ISO 1926		282 kPa
ELONGATION AT BREAK	ISO 1798		189%
COMPRESSION DEFLEXION	ISO 844		44 kPa
		at 10%	62 kPa
		at 25%	122 kPa
COMPRESSION SET	ISO 1856-C		0,5 hours 12%
			24 hours 4%
			50% 0,5 hours 28%
			50% 24 hours 16%
THERMAL CONDUCTIVITY λ	ISO 2581		0.038 W/mK
		at 40°C	0.042 W/mK
TEMPERATURE RANGE	-		-60 / +90°C
WATER ABSORPTION (7 days)	-		<1.0 vol.%
VALUE μ (23°C, 0-85% relative humidity)	ISO 1633		3200
HARDNESS	ASTM D2240		54 Sh00

STANDARD DIMENSIONS OF THE MATERIAL:

THICKNESS [mm]	DIMENSIONS OF THE SHEET * [mm]
2,0 – 60,0	2000 x 1000

There is a possibility of cutting to size in accordance with your specifications or drawing.

*Other thicknesses / dimensions available on customer's request. There is the possibility to order the material in the roll. Effective dimensions guaranteed as ordered.

OPTIONS***:

Maad PE 30	without a self-adhesive layer
Maad PE 30, SK-M	with a self-adhesive with a mesh layer

** Other composites available on customer's request.

In the case of material with a self-adhesive layer, storage at a temperature

ADDITIONAL TECHNICAL PARAMETERS:

FMVSS302 (Automotive), ECE-R Annex 6, 7, 8

Excellent physical properties.

The structure of cells: large, regular, closed.

Soft, has a smooth surface.

Excellent thermoplastic properties, particularly excellent characteristic in terms of forming.

Excellent properties of heat insulation.

Very good damping steps sound.

Minimal water absorption and very little permeability of water vapor.

Good resistance to weather conditions.

UV resistance.

Resistant to many chemicals.

Odorless, neutral to environment.

Supplied with flames protective layer (according to DIN 4102-B1 and B2, M1 (France), CSE/RF3 (Italy)).

Waste disposal: recycling.



TYPE - APPROVAL CERTIFICATE E20*118R03/01*004032*00