



TECHNICAL DATA

Slitrack

Vibration insulation in railways and tramways

Product description and Technical Specification

Anti-vibration panel, mm thickness, produced using fibres and granules of SBR rubber (Stirene Butadiene Rubber) or EPDM rubber (Ethylene Propylene Diene Monomer) compacted using a polyurethane glue; density kg/m³. A non-woven, non-stretch synthetic membrane is applied on both side of panel.

- Mitigation and mechanical protection performance
- Excellent quality/price ratio
- Self-draining and ice resistant product



AREA OF APPLICATION



Over ballast sleeper pads



Over concrete slab sleeper pads

PHYSICAL CHARACTERISTICS	Unit	M10AVC600	M20AVC600	M6AV800	M10AV800	Tolerance
Nominal thickness	mm	10	20	6	10	± 5%
Length	m	up to 3.0				± 1%
Width	m	as request				± 1%
Density	kg/m ³	600		800		± 5%
Backing superficial mass	g/m ²	120				
Colour		black/blue				

TECHNICAL CHARACTERISTICS	Norm	Unit	M10AVC600	M20AVC600	M6AV800	M10AV800	Tolerance
Static Stiffnes ks	UNI 11059 - UNI 10570	N/mm ³	0.13-0.18	0.045-0.07	0.27-0.31	0.21-0.28	± 10%
Dynamic Stiffness kd	UNI 11059 - UNI 10570	N/mm ³	0.23-0.42	0.08-0.2	0.48-0.66	0.41-0.63	± 10%
Static Modulus of Elasticity Es	UNI 11059	N/mm ²	1.5	1	1.6	2-3	± 10%
Dynamic Modulus of Elasticity Ed	UNI 11059	N/mm ²	1-5	1.3-4	2.4-5	4-6	± 10%

PHYSICAL AND CHEMICAL PROPERTIES	Norm	Unit	M10AVC600	M20AVC600	M6AV800	M10AV800	Tolerance
Temperature range of use	UNICHIM 87/1970	°C	-20 °C / +115 °C				
Inflammability	DIN 4102		B2				
Water absorption by volume	DIN 52103/A		< 5%				
Water absorption in weight	DIN 52103/A		< 5%				
Thermal conductivity	EN 12667	W/m x °C	0.11				
Electrical resistance	UNI 5572/CEI15-23	Ω x cm	≥ 10 ⁶				
Resistance ozone	DIN 53509/1		no cracks				

The suggestions and technical information given above represent our knowledge regarding the properties and the product's uses. ISOLGOMMA reserve the right to modify or update this data without prior notice. This document is the property of ISOLGOMMA and all rights are therefore reserved