TECHNICAL DATA SHEET

RT-MAT70-AV-BK

Matting · anti-vibration · black · 70 Sh A

Product overview

Material family	Matting
Colour	Black
Available thicknesses	8 · 10 mm
Roll width	1000 mm
Roll length	1000 mm
Typical use	Anti-slip / anti-vibration matting, cut to size.

Certifications & compliance

- REACH, RoHS and PAH compliant

Technical properties

Property	Test method	Typical value
Specific gravity	DIN 53508 / ASTM D297	1.40 ±0.05
Hardness	DIN 53505 / ASTM D2240	70 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	710 PSI / 50 kg/cm²
Elongation at break (min)	DIN 53504 / ASTM D412	300%
Tear resistance (angular) min	DIN 53515 / ASTM D624	123 lbs/inch / 22 kg/cm
Change in properties after heat ageing for (72 h at 70 °C)	ASTM D573	
Hardness (pts)		+ 5 (max)
Tensile strength (%)		+10 / - 25
Elongation at break (%)		+10 / - 25
Volume swell: at 70°C for 72 h	ASTM D471	
In IRM oil No. 901		Not recommended
In IRM oil No. 902		Not recommended
In IRM oil No. 903		Not recommended
Chemical resistance		
Ozone	ASTM D1149	Not recommended
Dilute acids and bases		Not recommended
Concentrated acids and bases		Not recommended
Oils		Not recommended
Solvents		Not recommended
Temperature range		-30 °C to +70 °C