

RT-LAG70-BK-CG-BL

Wear-resistant · ceramic pulley lagging, green tiles · black · 70 Sh A · with bonding layer (BL)

Product overview

Material family	Wear-resistant
Colour	Black
Available thicknesses	17 mm
Roll width	500 mm
Roll length	5000 mm
Typical use	Abrasion-resistant rubber for material handling.

Certifications & compliance

- REACH, RoHS and PAH compliant

Technical properties

Property	Test method	Typical value
Specific gravity	DIN 53508 / ASTM D297	1.17 ± 0.05
Hardness	DIN 53505 / ASTM D2240	70 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	2417 PSI / 170 kg/cm ²
Elongation at break (min)	DIN 53504 / ASTM D412	450 %
Abrasion resistance (max)	DIN 53516 / ASTM D5963	100 mm ³ (10 N)
Compression set (70 °C/24 h/25 % compression) (max)	DIN 53517 / ASTM D395 METHOD B	30 %
Tear resistance (angular) min	DIN 53515 / ASTM D624	168 lbs/inch / 30 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	Fair
Dilute acids and bases		Not recommended
Concentrated acids and bases		Not recommended
Solvents		Not recommended
Temperature range		-30 °C to +70 °C
Compound colour		Black
Ceramic tile colour		Green
Design		Rectangular ceramic tiles, 1 mm CN bonding layer