

RT-SP65-GN

Specialty · special compound · green · 65 Sh A

Product overview

Material family	Specialty
Colour	Green
Available thicknesses	2 · 3 · 4 · 5 · 6 · 10 mm
Roll width	1400 mm
Roll length	10000 mm
Typical use	Rubber with specific properties.

Certifications & compliance

- REACH, RoHS and PAH compliant

Technical properties

Property	Test method	Typical value
Specific gravity	DIN 53508 / ASTM D297	1.45 ± 0.05
Hardness	DIN 53505 / ASTM D2240	65 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	924 PSI / 65 kg/cm ²
Elongation at break (min)	DIN 53504 / ASTM D412	320 %
Compression set (70°C/24 h/25% compression) (max)	DIN 53517 / ASTM D395 METHOD B	40 %
Tear resistance (angular) min	DIN 53515 / ASTM D624	170 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 / - 10
Elongation at break (%)		+ 10 / - 20
Volume swell: at 70°C for 72 h	ASTM D471	
In IRM oil No. 901		-2%
In IRM oil No. 902		+ 4%
In IRM oil No. 903		+ 13%
Chemical resistance		
Dilute acids and bases		Good
Ozone	ASTM D1149	Good
Concentrated acids and bases		Not recommended
Oils		Excellent
Solvents		Fair
Temperature range		-30 °C to +110 °C
Finish		Both sides smooth finish