

RT-CSM65-BK

Specialty · CSM (chlorosulphonated polyethylene) · black · 65 Sh A

Product overview

Material family	Specialty
Colour	Black
Available thicknesses	2 · 3 · 4 · 5 · 6 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	1.40 ± 0.05
Hardness	DIN 53505 / ASTM D2240	65 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	1422 PSI / 100 kg/cm ²
Elongation at break (min)	DIN 53504 / ASTM D412	350%
Tear resistance (angular) min	DIN 53515 / ASTM D624	129 lbs/inch / 23 kg/cm
Abrasion resistance (max)	DIN 53517	300 mm ³ / IS 3400 (Part 3)
Change in properties after heat ageing for (72 h at 70 °C)	ASTM D573	
Hardness (pts)		+ 3 (max)
Tensile strength (%)		± 10
Elongation at break (%)		± 10
Volume swell: at 70°C for 72 h	ASTM D471	
In IRM oil No. 901		+ 10%
In IRM oil No. 902		+ 18 %
In IRM oil No. 903		+ 25 %
Chemical resistance		
Ozone	ASTM D1149	Excellent
Dilute acids and bases		Excellent
Concentrated acids and bases		Good
Oils		Moderate
Solvents		Fair
Temperature range		-30 °C to +130 °C
Finish		Both sides smooth finish