

RT-CR65-BK-P

Neoprene (CR) · premium · black · 65 Sh A

Product overview

Material family	Neoprene (CR)
Colour	Black
Available thicknesses	1 · 2 · 3 · 4 · 5 · 6 · 8 · 10 mm
Roll width	1400 mm
Roll length	20000 mm
Typical use	Versatile: oil + weather resistance, flame retardant.

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	1405 PSI / 100 kg/cm²
Elongation at break (min)	DIN 53504 / ASTM D412	400 %
Compression set (70°C/24 h/25% compression) (max)	DIN 53517 / ASTM D395 METHOD B	40 %
Tear resistance (angular) min	DIN 53515 / ASTM D624	140 lbs/inch / 25 kg/cm
Change in properties after heat ageing for (72 h at 70 °C)		ASTM D573
Hardness (pts)		+ 5 (max)
Tensile strength (%)		+ 10 / - 15
Elongation at break (%)		+ 10 / - 20
Volume swell: at 70°C for 72 h	ASTM D471	
In IRM oil No. 901		+ 27%
In IRM oil No. 902		+ 30%
In IRM oil No. 903		+ 80%
Chemical resistance		
Ozone	ASTM D1149	Good
Dilute acids and bases		Good
Concentrated acids and bases		Fair
Oils		Good
Solvents		Fair
Temperature range		-30 °C to +120 °C