

RT-EPDM60-OW-FG

Food grade · EPDM base · off-white · 60 Sh A

Product overview

Material family	Food grade
Colour	Off-white
Available thicknesses	1 · 1.5 · 2 · 3 · 4 · 5 · 6 · 8 · 10 mm
Roll width	1400 mm
Roll length	20000 mm
Typical use	Food-contact suitable.

Certifications & compliance

- Food contact: complies with FDA requirements and EU Regulation (EC) No 1935/2004
- REACH, RoHS and PAH compliant

Technical properties

Property	Test method	Typical value
Specific gravity	DIN 53508 / ASTM D297	1.30 ± 0.05
Hardness	DIN 53505 / ASTM D2240	60 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	711 PSI / 50 kg/cm ²
Elongation at break (min)	DIN 53504 / ASTM D412	300 %
Compression set (70°C/24 h/25% compression) (max)	DIN 53517 / ASTM D395 METHOD B	40 %
Tear resistance (angular) min	DIN 53515 / ASTM D624	101 lbs/inch / 18 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 /-10
Polymer content (EPDM)		100 %
Chemical resistance		
Ozone	ASTM D1149	Excellent
Dilute acids and bases		Excellent
Concentrated acids and bases		Excellent
Oils		Not recommended
Solvents		Not recommended
Temperature range		-25 °C to +140 °C
Finish		Both sides smooth finish