

RT-CR65-OW-FG

Food grade · CR base · off-white · 65 Sh A

Product overview

Material family	Food grade
Colour	Off-white
Available thicknesses	2 · 3 · 5 mm
Roll width	1400 mm
Roll length	10000 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	1.45 ± 0.05
Hardness	DIN 53505 / ASTM D2240	65 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	716 PSI / 50 kg/cm ²
Elongation at break (min)	DIN 53504 / ASTM D412	250 %
Compression set (70°C/24 h/25% compression) (max)	DIN 53517 / ASTM D395 METHOD B	40 %
Tear resistance (angular) min	DIN 53515 / ASTM D624	196 lbs/inch / 35 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		+ 11%
In IRM oil No. 902		+ 23%
In IRM oil No. 903		+ 38%
Chemical resistance		
Dilute acids and bases		Good
Concentrated acids and bases		Fair
Oils		Good
Solvents		Fair
Temperature range		-30 °C to +120 °C