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SILICONE

3R834



Description

This material is known for its use in applications in temperatures reaching 455°F. The white 3R834 is particularly recommended for the food industry.

Applications

This silicone rubber is resistant to flame propagation, ozone, ultraviolet rays, chemicals and possesses an excellent electrical stability.

Specifications

Technical Data

Color	White (for "FDA" applications)
Hardness (Shore A) \pm 5	60
Temperature	-65°C to 245°C (-85°F to 480°F)
Tensile Strength, psi (ASTM D-412)	800
Elongation minimum, % (ASTM D-412)	500
Tears, psi (ASTM D-412)	40
Compression Set	Very Good
Abrasion Resistance	Poor
Tear Resistance	Poor
Ozone Resistance	Excellent

Impermeability to Gases	Fair
Resistance to Dilute Acid	Excellent
Resistance to aromatic hydro-carbons	Poor
Heat Aging	Outstanding

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.