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3R832

RUBBER

This material is known for its broad temperature range of -54°F to 392°F. The red 3R832 is more popular and economical than silicone rubbers.



APPLICATIONS

3R832 has excellent heat resistance. It is also resistant to ozone, oxidation, ultraviolet rays, cosmic radiation and ions. On the other hand, it has poor resistance to abrasion and petroleum products.

SPECIFICATIONS

Technical Data

Polymer Type	Silicone
Color	Red
Hardness (Shore A) ± 5	60
Temperature (continuous)	-60°C to 230°C (-76°F to 446°F)
Temperature (maximum)	250°C (486°F)
Tensile Strength, psi	1000
Elongation minimum, %	300
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, details and values indicated are to the best of our knowledge. We recommend to conduct tests according to local conditions. The data is subject to some variations without notice.