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SBR

3R832



Description

This material is recognized for its use in high temperature applications up to 250°C. 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	Silicone
Color	Red
Hardness (Shore A) ± 5	60
Temperature	Continuous: -60°C to 230°C (-76°F to 446°F), Short term: 250°C (486°F)
Tensile Strength	1000psi
Elongation min.	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 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.