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3R820

RUBBER

The 3R820 red rubber is made of a commercial blend of Styrene-Butadiene (SBR). It is also available in a red smooth finish.



APPLICATIONS

It is commonly used as domestic and commercial gaskets for air, hot and cold water and low pressure steam.

SPECIFICATIONS

Technical Data

Polymer	Styrene-Butadiene (SBR)
Specific gravity	1.8 gr/cc
Color	Red
Hardness (Shore A) (ASTM D2240)	75 ± 5
Temperature	-29°C to 82°C (-20°F to 180°F)
Tensile, psi (ASTM D412)	600 min.
Ultimate Elongation, % (ASTM D412)	100 min.
Compression Set (ASTM D395B)	22 hrs @ 70C (158F): 50% max.
Heat Aging (ASTM D573)	70 hrs @ 70C (158F) - Changed: Hardness: +/- 15 points max., Tensile: +/- 30% max., Elongation: -50% max.
Abrasion Resistance	Good
Tear Resistance	Fair
Ozone Resistance	Poor
Impermeability to Gases	Poor
Resistance to Dilute Acid	Fair
Resistance to aromatic hydro-carbons	Poor

Heat Aging	Fair
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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.