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SBR

3R820

Sealing



Description

The 3R820 red rubber is made of a commercial blend of SBR (styrene-butadiene).

Applications

- Domestic and commercial plumbing
- 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 |

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.