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SBR

3R825



Description

This black SBR contains one or two synthetic fabric layers, which makes it long lasting and more resistant than the 3R820.

Applications

- Gaskets for air, hot and cold water and low pressure steam
- Static applications

Specifications

Technical Data

| | |
|------------------------------------|--------------------------------|
| Polymer | Styrene-Butadiene (SBR) |
| Reinforcement fabric | Polyester 2 oz. |
| Specific gravity | 1.51 gr/cc |
| Color | Black |
| Hardness (Shore A) (ASTM D2240) | 80 ± 5 |
| Temperature | -29°C to 82°C (-20°F to 180°F) |
| Tensile, psi (ASTM D412) | 500 min. |
| Ultimate Elongation, % (ASTM D412) | 100 min. |
| Compression Set | 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 | Good |
| Ozone Resistance | Fair |
| Impermeability to Gases | Fair |
| Resistance to Dilute Acid | Poor |
| 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.