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DURASHIELD

3R859



Description

Originally developed for the mining industry, the white Dura-Shield rubber offers a high resistance to abrasion. Moreover, the 3R859 has a surface that eases adhesion.

Applications

Whether installed as chute linings or pipe protection, it can withstand the most severe abrasive industrial applications better than other rubbers would.

Specifications

Technical Data

Polymer	Natural NR
Color	White
Hardness (Shore A) \pm 5	40
Density	1.11 gr/cc
Temperature	-29°C to 82°C (-20°F to 180°F)
Tensile Strength (ASTM D412)	2500psi min.
Elongation (ASTM D412)	500% min.
Compression set (ASTM D395B)	22h @ 70C: 50% max.
Heat aging (ASTM D573)	70 hrs @ 70C - Changed: Hardness +/- 15 pts max., Tensile: -30% max., Elongation: -50% max., Volume: +120% max.

Compression Set	Excellent
Abrasion Resistance	Outstanding
Tear Resistance	Outstanding
Ozone Resistance	Poor
Impermeability to Gases	Good
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.