

NITRILE

3R846



Description

This black nitrile rubber is efficient and still maintains its flexibility in temperatures ranging -34°C to 88°C (-30°F to 190°F). This product has a excellent resistance to petroleum-based hydraulic fluids and a very good resistance to alkalis and acids.

Applications

The 3R846 is an ideal material for applications in environments where there are concentrations of gas, oil, grease or solvents.

Specifications

Technical Data

Polymer	NBR/SBR
Color	Black
Specific Gravity	1.34 gr/cc
Hardness (Shore A) (ASTM D2240)	60
Temperature	-34°C to 88°C (-30°F to 190°F)
Tensile Strength (ASTM D412)	1000psi min.
Ultimate Elongation (ASTM D412)	350% min.
Compression Set (ASTM D395B)	22 @ 100°C 40% max.
Heat Aging (ASTM D573)	70 hrs @ 100°C: Changed: Hardness +/- 15 pts max., Tensile +/- 30% max., Elongation -50% max.
Oil aging #3 (ASTM D471)	70 hrs @ 100°C - Volume changed: 80% max.

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.