

Nitrile Rubber 70 ShA Hydrogenated Data Sheet

PROPERTIES	METRIC VALUE
Specific Gravity	1.20 ± 0.05
Hardness	70 ± 5 ShA
Tensile Strength (min)	100kg / cm ²
Elongation at Break (min)	200%
Compression Set (70°C / 24 hrs / 25% set) (max)	50%
Tear Resistance (angular) min	45kg / cm ²
Polymer Content (Nitrile)	100%
Temperature Range	-30°C - 150°C
Colour	Black
PROPERTIES - HEAT AGING (72 hrs at 70°C)	METRIC VALUE
Hardness (pts)	+2 (max)
Tear Strength (%)	+5
Elongation at Break (%)	+10
VOLUME SWELL (72hrs at 70°C)	
IRM Oil No.1	1%
IRM Oil No.2	5%
IRM Oil No.3	10%
CHEMICAL RESISTANCE	
Ozone	Excellent
Dilute Acids and Bases	Excellent
Concentrated Acids and Bases	Fair
Oils	Excellent
Solvents	Good