

Neoprene Rubber 40 ShA BS2752 C40 Data Sheet

PROPERTIES	METRIC VALUE
Specific Gravity	1.25 ± 0.05
Hardness	40 ± 5 ShA
Tensile Strength (min)	92kg / cm ²
Elongation at Break (min)	450%
Compression Set (70°C / 24 hrs / 25% set) (max)	30%
Tear Resistance (angular) min	25kg / cm ²
Polymer Content	100%
PROPERTIES - HEAT AGING (168 hrs at 70°C)	METRIC VALUE
Hardness (pts)	+7 (max)
Tear Strength (%)	-12 (max)
Elongation at Break (%)	-20 (max)
PROPERTIES – VOLUME SWELL (24 hrs at 40°C)	
Resistance to low temperature at 40°C	Meets Requirements
Adhesion to and corrosion of metals	Meets Requirements
CHEMICAL RESISTANCE	
Ozone	Good
Dilute Acids and Bases	Good
Concentrated Acids and Bases	Not Recommended
Oils	Good
Solvents	Fair
Temperature Range	-30°C - 120°C
Colour	Black