BRIDGE RUBBER & PLASTICS LTD
SUPPLIER - STOCKIST - FABRICATOR - MACHINED PARTS

Smith's Quay, Hazel Road
Woolston, Southampton
SO19 7GB, Great Britain
Telephone: (+44) 02380 434646
Email: info@bridgerubber.co.uk
Website: www.bridgerubber.com

ISO 9001
Certificate No. GB2005229

Neoprene Rubber 50 ShA BS2752 C50 Data Sheet

PROPERTIES	METRIC VALUE
Specific Gravity	1.35 ± 0.05
Hardness	50 ± 5 ShA
Tensile Strength (min)	123kg / cm²
Elongation at Break (min)	400%
Compression Set (70°C / 24 hrs / 25% set) (max)	30%
Tear Resistance (angular) min	30kg / cm²
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