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

White Natural Rubber 50 ShA BS1154 Y50 Data Sheet

PROPERTIES	**METRIC VALUE**
Specific Gravity	1.15 ± 0.05
Hardness	50 ± 5 ShA
Tensile Strength (min)	170kg / cm^2
Elongation at Break (min)	500%
Compression Set (70°C / 24 hrs / 25% set) (max)	30%
Tear Resistance (angular) min	35kg / cm^2
Abrasion Resistance	125 mm^3
Polymer Content	100%
PROPERTIES - HEAT AGING (168 hrs at 70°C)	**METRIC VALUE**
Hardness (pts)	+5 (max)
Tear Strength (%)	-10
Elongation at Break (%)	-15
CHEMICAL RESISTANCE	
Ozone	Good
Dilute Acids and Bases	Fair
Concentrated Acids and Bases	Not Recommended
Oils	Not Recommended
Solvents	Not Recommended
Temperature Range	-20°C - 70°C
Colour	White