



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : NATURAL RUBBER CODE : Y 40 : BS 1154

PROPERTIES	TEST METHOD	VALUES
		METRIC UNITS
SPECIFIC GRAVITY	BS 903 : Part A1	1.10
HARDNESS	BS 903 : Part A26	40 (+ 5 -4) IRHD
TENSILE STRENGTH (min)	BS 903 : Part A2	19 Mpa
ELONGATION AT BREAK (min)	BS 903 : Part A2	600%
COMPRESSION SET (70 °C/24 hrs/25% set) (max)	BS 903 : Part A6	30%
ABRASION RESISTANCE, MM3, MAX	ASTM D 5963	11500%
TEAR RESISTANCE (Angular) min	BS 903 : Part A3	30
CHANGE IN PROPERTIES		
HEAT AGEING (168 hrs. AT 70°C)	BS 903: Part A 19	
--- HARDNESS (Pts)	BS 903 : Part A26	+ 5 / -5 (Max)
--- TENSILE STRENGTH (%)	BS 903 : Part A2	-10 (Max)
--- ELONGATION AT BREAK (%)	BS 903 : Part A2	-15(Max)
POLYMER CONTENT (NATURAL RUBBER)		100%
<i>Additional Information -</i>		
CHEMICAL RESISTANCE		
--- OZONE	BS 903 : Part A43	NOT RECOMMENDED
--- DILUTE ACIDS AND BASES	BS 903 : Part A16	NOT RECOMMENDED
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED
TEMPERATURE RANGE		-50° to + 70°C
COLOUR		OFF WHITE

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