



# ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

**Quality Rubber Solutions**



## TECHNICAL SPECIFICATIONS

**QUALITY : NATURAL RUBBER      CODE : Z 50 : BS 1154**

PROPERTIES	TEST METHOD	VALUES
		METRIC UNITS
SPECIFIC GRAVITY	BS 903 : Part A1	1.1
HARDNESS	BS 903 : Part A26	50 (+ 5 - 4) IRHD
TENSILE STRENGTH ( min )	BS 903 : Part A2	17 Mpa
ELONGATION AT BREAK ( min )	BS 903 : Part A2	500%
COMPRESSION SET (70 °C/24 hrs/25% set) (max)	BS 903 : Part A6	30%
TEAR RESISTANCE ( Angular ) min kg/cm	BS 903 : Part A3	45
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%
Additional Information -		
CHEMICAL RESISTANCE		
--- OZONE	BS 903 : Part A 43	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		BLACK

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