



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : 100% NEOPRENE CODE : C 50 : BS 2752

PROPERTIES	TEST METHOD	VALUES
		METRIC UNITS
SPECIFIC GRAVITY	BS 903 : Part A1	1.35 ± 0.05
HARDNESS	BS 903 : Part A26	50 (+5-4) IRHD
TENSILE STRENGTH (min)	BS 903 : Part A2	12 Mpa
ELONGATION AT BREAK (min)	BS 903 : Part A2	400%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	BS 903 : Part A6	30%
TEAR RESISTANCE (Angular) min	BS 903: Part A3	30 Kg/cm
CHANGE IN PROPERTIES		
RESISTANCE TO ACCELERATED AGEING - 168 HRS. AT 70°C	BS 903 : Part A19	
--- HARDNESS (Pts)	BS 903 : Part A26	+ 7 (Max)
--- TENSILE STRENGTH (%)	BS 903 : Part A2	- 10 (Max)
--- ELONGATION AT BREAK (%)	BS 903 : Part A2	- 20 (Max)
VOLUME SWELL : AT 40° C FOR 22 HRS/IN	BS 903 : Part A16	
FUEL B (max)		+ 80%
RESISTANCE TO LOW TEMPERATURE AT -40°C	BS 903: Part A13	MEETS REQUIREMENTS
ADHESION TO AND CORROSION OF METALS	BS 903 : Part A 37	MEETS REQUIREMENTS
POLYMER CONTENT (NEOPRENE)		1
Additional Information -		
CHEMICAL RESISTANCE		
--- OZONE	BS 903 : Part A 43	GOOD
--- DILUTE ACIDS AND BASES	BS 903 : Part A16	GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED
--- MINERAL OILS - PARAFINNIC & NAPHTHANIC HC		GOOD
---MINERAL OILS - AROMATIC HC		FAIR
---ANIMAL/VEGETABLE OIL		GOOD
--- SOLVENTS		FAIR
TEMPERATURE RANGE		-30° to + 110° C
COLOUR	BLACK	

A/2, PAREKH MAHAL, 80 VEER NARIMAN ROAD, CHURCHGATE, MUMBAI - 400 020.

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