



# ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

**Quality Rubber Solutions**



## TECHNICAL SPECIFICATIONS

**QUALITY : 100% NEOPRENE CODE : C 40 : BS 2752**

PROPERTIES	TEST METHOD	VALUES
		METRIC UNITS
SPECIFIC GRAVITY	BS 903 : Part A1	1.30 ± 0.05
HARDNESS	BS 903 : Part A26	40( +5-4) IRHD
TENSILE STRENGTH ( min )	BS 903 : Part A2	9 Mpa
ELONGATION AT BREAK ( min )	BS 903 : Part A2	450%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	BS 903 : Part A6	30%
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		+ 100% (MAX)
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
<b>Additional Information -</b>		
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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