



ZENITH INDUSTRIAL RUBBER
PRODUCTS PVT. LTD.
Quality Rubber Solutions

An ISO 9001:2008 Certified Company
An ISO 14001:2004 Certified Company



GOVT.RECOGNISED EXPORT HOUSE

TECHNICAL SPECIFICATIONS

QUALITY : 100% NEOPRENE RUBBER CODE: NE 65140

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.40±0.05	ASTM D297	1.40±0.05
HARDNESS	DIN 53505	65 ± 5 Sh A	ASTM D2240	65 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	1422 PSI	ASTM D412	100 kg/cm2
ELONGATION AT BREAK (min)	DIN 53504	400 %	ASTM D412	400 %
COMPRESSION SET (70°C/24 hrs/25% Compression) (max)	DIN 53517	40%	ASTM D395 METHOD B	40%
TEAR RESISTANCE (Angular) min	DIN 53515	95 Lbs/Inch	ASTM D624	25 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (72 hrs. AT 70°C)			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 25		+ 10 / - 25
--- ELONGATION AT BREAK (%)		+ 10 / - 30		+ 10 / - 30
VOLUME SWELL : AT 70° C FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.1		+ 18%		+ 18%
IN IRM OIL NO.2		+ 23%		+ 23%
IN IRM OIL NO.3		+ 60%		+ 60%
POLYMER CONTENT (NEOPRENE)		100%		100%
CHEMICAL RESISTANCE				
--- OZONE		GOOD	ASTM D 1149	GOOD
--- DILUTE ACIDS AND BASES		FAIR		FAIR
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-25° to + 100° C		-25° to + 100° C
COLOUR		BLACK		BLACK



141/144,14TH FLOOR, FREE PRESS HOUSE, FREE PRESS JOURNAL MARG 215,NARIMAN POINT MUMBAI - 400021

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