



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	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.40±0.05	1.40±0.05
HARDNESS	DIN 53505	65 ± 5 Sh A	65 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	1422 PSI	100 kg/cm2
ELONGATION AT BREAK (min)	DIN 53504	400 %	400 %
COMPRESSION SET (70°C/24 hrs/25% Compression) (max)	DIN 53517	40%	40%
TEAR RESISTANCE (Angular) min	DIN 53515	95 Lbs/Inch	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

Email: info@zenithrubber.com

Website: www.zenithrubber.com