



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 : (50%) NEOPRENE CODE: NE 65140

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.4 ± 0.05	1.4 ± 0.05
HARDNESS	DIN 53505	65 ± 5 Sh A	65 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	712 PSI	50 kg/cm ²
ELONGATION AT BREAK (min)	DIN 53504	250%	250%
COMPRESSION SET (70°C/22 hrs/25% Compression) (max)	DIN 53517	40%	40%
TEAR RESISTANCE (Angular) min	DIN 53515	196 Lbs/Inch	35 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 / -20	+ 10 / -20
--- ELONGATION AT BREAK (%)		+ 10 / - 25	+ 10 / - 25
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471
IN ASTM OIL NO.1		+ 2%	+ 2%
IN ASTM OIL NO.2		+ 12%	+ 12%
IN ASTM OIL NO.3		+ 35%	+ 35%
NEOPRENE CONTENT IN TOTAL POLYMER		50%	50 %
CHEMICAL RESISTANCE			
--- OZONE		GOOD	ASTM D 1149 GOOD
--- DILUTE ACIDS AND BASES		GOOD	GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR	FAIR
--- OILS		GOOD	GOOD
--- SOLVENTS		FAIR	FAIR
TEMPERATURE RANGE		-30 ° to + 120 ° C	-30 ° to + 120 ° C
COLOUR		BLACK	BLACK



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