



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : COMMERCIAL NEOPRENE RUBBER CODE : NE 70140

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.45	1.45
HARDNESS	ASTM D2240	70 ± 5 Sh A	70 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	717 PSI	50 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	300%	300%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	0.35	0.35
TEAR RESISTANCE (Angular) min	ASTM D624	112 Lbs/Inch	20 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573		
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 20	+ 10 / - 20
--- ELONGATION AT BREAK (%)		+ 10 / - 20	+ 10 / - 20
VOLUME SWELL : AT 70°C FOR 72 HRS/IN	ASTM D 471		
ASTM OIL NO.1		+ 27%	+ 27%
ASTM OIL NO.2		+ 39%	+ 39%
ASTM OIL NO.3		+ 72%	+ 72%
POLYMER CONTENT (NEOPRENE)		0.3	0.3
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	FAIR	FAIR
--- DILUTE ACIDS AND BASES		FAIR	FAIR
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED	NOT RECOMMENDED
--- OILS		NOT RECOMMENDED	NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-20° to + 100°C	-20° to + 100°C
COLOUR		BLACK	BLACK

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

Email: info@zenithrubber.com

Website: www.zenithrubber.com