



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : 100% NEOPRENE CODE : NE 80140

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.4	DIN 53508	1.4
HARDNESS	ASTM D2240	80 ± 5 Sh A	DIN 53505	80 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1280 PSI	DIN 53504	90 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	150%	DIN 53504	150%
COMPRESSION SET (70 0 C/24 hrs/25% set) (max)	ASTM D395 METHOD B	0.25	DIN 53517	0.25
TEAR RESISTANCE (Angular) min	ASTM D624	112 Lbs/Inch	DIN 53515	20 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70 0C)	ASTM D573			
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 20		+ 10 / - 20
--- ELONGATION AT BREAK (%)		+ 10 / - 30		+ 10 / - 30
VOLUME SWELL : AT 700 C FOR 72 HRS/IN	ASTM D 471			
ASTM OIL NO.1		+ 9%		+ 9%
ASTM OIL NO.2		+ 19%		+ 19%
ASTM OIL NO.3		+ 28%		+ 28%
POLYMER CONTENT (NEOPRENE)		1		1
CHEMICAL RESISTANCE				
--- OZONE	ASTM D 1149	GOOD		GOOD
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-30 °to + 125°C		-30 °to + 125°C
COLOUR		BLACK		BLACK

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

Email: info@zenithrubber.com

Website: www.zenithrubber.com