



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : COMMERCIAL NEOPRENE RUBBER CODE : NE 60140

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.45	DIN 53508	1.45
HARDNESS	ASTM D2240	60 ± 5 Sh A	DIN 53505	60 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	570 PSI	DIN 53504	40 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	250%	DIN 53504	250%
COMPRESSION SET (70 0 C/24 hrs/25% set) (max)	ASTM D395 METHOD B	0.35	DIN 53517	45%
TEAR RESISTANCE (Angular) min	ASTM D624	100.8 Lbs/Inch	DIN 53515	15 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70 0C)	ASTM D573			
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 25		+ 10 / - 25
--- ELONGATION AT BREAK (%)		+ 10 / - 30		+ 10 / - 30
VOLUME SWELL : AT 700 C FOR 72 HRS/IN	ASTM D 471			
ASTM OIL NO.1		+ 23%		+ 23%
ASTM OIL NO.2		+ 35%		+ 35%
ASTM OIL NO.3		+ 85%		+ 85%
POLYMER CONTENT (NEOPRENE)		0.1		0.1
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		-35° to + 80°C		-35° to + 80°C
COLOUR		BLACK		BLACK

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