



# ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

**Quality Rubber Solutions**



## TECHNICAL SPECIFICATIONS

**QUALITY : COMMERCIAL NEOPRENE RUBBER      CODE : NE 60150**

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.5	DIN 53508	1.50
HARDNESS	ASTM D2240	60 ± 5 Sh A	DIN 53505	70 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	570 PSI	DIN 53504	35 kg/cm <sup>2</sup>
ELONGATION AT BREAK ( min )	ASTM D412	200%	DIN 53504	200%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	0.43	DIN 53517	45%
TEAR RESISTANCE ( Angular ) min	ASTM D624	84 Lbs/Inch	DIN 53515	15 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		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		FAIR		FAIR
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-25° to + 100° C		-35° to + 80° C
COLOUR		BLACK		BLACK

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