



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : NEOPRENE RUBBER CODE: NE 65140

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.40	DIN 53508	1.40
HARDNESS	ASTM D2240	65 ± 5 Sh A	DIN 53505	65 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1425 PSI	DIN 53504	100 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	350%	DIN 53504	350%
COMPRESSION SET (70° C/24 hrs/25% set) (ma	ASTM D395 METHOD B	50%	DIN 53517	50%
TEAR RESISTANCE (Angular) min	ASTM D624	196 Lbs/Inch	DIN 53515	35 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 / - 25		+10 / - 25
VOLUME SWELL : AT 70° C FOR 72 HRS/IN	ASTM D 471			
ASTM OIL NO. 1		+ 2%		+ 2%
ASTM OIL NO. 2		+ 12%		+ 12%
ASTM OIL NO. 3		+ 35%		+ 35%
POLYMER CONTENT		100 %		100%
CHEMICAL RESISTANCE				
--- OZONE	ASTM D 1149	FAIR		FAIR
--- 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		

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