



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : HYPALON RUBBER SHEET CODE: HN 60160

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.55	DIN 53508	1.55
HARDNESS	ASTM D2240	60 ± 5 Sh A	DIN 53505	60 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	855 PSI	DIN 53504	60 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	250%	DIN 53504	250%
COMPRESSION SET (70° C/24 hrs/25% set) (max)	ASTM D395 METHOD B	40%	DIN 53517	40%
TEAR RESISTANCE (Angular) min	ASTM D624	112 Lbs/Inch	DIN 53515	20 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573			
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		- 10 / + 10		- 10 / + 10
--- ELONGATION AT BREAK (%)		- 10 / + 10		- 10 / + 10
VOLUME SWELL : AT 70° C FOR 72 HRS/IN	ASTM D 471			
ASTM OIL NO. 1		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO. 2		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO. 3		NOT RECOMMENDED		NOT RECOMMENDED
POLYMER CONTENT		100%		100%
CHEMICAL RESISTANCE				
--- OZONE	ASTM D 1149	EXCELLENT		EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		GOOD		GOOD
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30° to +130° C		-30° to +130° C
COLOUR		COLOR		

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

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