



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : HYPALON CODE : HN 70150

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.45	DIN 53508	1.45
HARDNESS	ASTM D2240	70 ± 5 Sh A	DIN 53505	70 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	995 PSI	DIN 53504	70 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	0.4	DIN 53517	40%
TEAR RESISTANCE (Angular) min	ASTM D624	112 Lbs/Inch	DIN 53515	25 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573			
--- HARDNESS (Pts)		+ 3 (Max)		+ 3 (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 (HYPALON)		1		1
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		COLOUR		COLOUR

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