



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions

An ISO 9001:2008 Registered Company
An ISO 14001: 2004 Registered Company

TECHNICAL SPECIFICATIONS

QUALITY(100%) : HYPLON CODE : HN 65140

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.40±0.05	ASTM D297	1.40±0.05
HARDNESS	DIN 53505	65 ± 5 Sh A	ASTM D2240	65 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	1425 PSI	ASTM D412	100 kg/cm2
ELONGATION AT BREAK (min)	DIN 53504	350%	ASTM D412	350%
ABRASION RESISTANCE;mm3		300	IS 3400 (Part 3)	300
TEAR RESISTANCE (Angular) min	DIN 53515	129 Lbs/Inch	ASTM D624	23 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70°C)			ASTM D573	
--- HARDNESS (Pts)		+ 3 (Max)		+ 3 (Max)
--- TENSILE STRENGTH (%)		± 10		±10
--- ELONGATION AT BREAK (%)		± 10		±10
VOLUME SWELL : AT 70°C FOR 72 HRS/IN			ASTM D 471	
IRM OIL NO.1		+ 10%		+ 10%
IRM OIL NO.2		+ 18%		+ 18%
IRM OIL NO.3		+ 25%		+ 25%
POLYMER CONTENT (HYPLON)		100%		100%
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		GOOD		GOOD
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-30°C to + 220°C		-30°C to + 220°C
COLOUR		BLACK		BLACK



141/144,14TH FLOOR, FREE PRESS HOUSE, FREE PRESS JOURNAL MARG 215,NARIMAN POINT MUMBAI - 400021.

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