



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : EPDM CODE : EP 65130

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.35	1.35
HARDNESS	ASTM D2240	65 ± 5 Sh A	65 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	711 PSI	60 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	250%	250%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	0.35	35%
TEAR RESISTANCE (Angular) min	ASTM D624	101 Lbs/Inch	18 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573		
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		+10 / - 15	+10 / - 15
--- ELONGATION AT BREAK (%)		+10 / - 15	+10 / - 15
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
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	GOOD	GOOD
--- DILUTE ACIDS AND BASES		GOOD	GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR	FAIR
--- OILS		NOT RECOMMENDED	NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-30 °to + 100° C	-40 °to + 100° C
COLOUR		BLACK	BLACK

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