

TECHNICAL SPECIFICATIONS

QUALITY : 100% EPDM CODE : EP 60110

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.15	1.15
HARDNESS	ASTM D2240	60 ± 5 Sh A	60 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1425 PSI	100 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	350%	350%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	30%	25%
TEAR RESISTANCE (Angular) min	ASTM D624	168 Lbs/Inch	30 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 (EPDM)		100%	100%
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	EXCELLENT	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT	EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT	EXCELLENT
--- OILS		NOT RECOMMENDED	NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-40°to + 140°C	-40°to + 140°C
COLOUR		BLACK	BLACK

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

Email: info@zenithrubber.com

Website: www.zenithrubber.com