



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions

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

GOVT.RECOGNISED EXPORT HOUSE

TECHNICAL SPECIFICATIONS

QUALITY : 100% EPDM CODE: EP 65125

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUE
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.25	ASTM D297	1.25
HARDNESS	DIN 53505	65 ± 5 Sh A	ASTM D2240	65 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	1140 PSI	ASTM D412	80 kg/cm2
ELONGATION AT BREAK (min) %	DIN 53504	350	ASTM D412	350
COMPRESSION SET (70°C/24 hrs/25% set) (max) %	DIN 53517	40	ASTM D395 METHOD B	40
TEAR RESISTANCE (Angular) min	DIN 53515	123.2 Lbs/Inch	ASTM D624	22 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 / - 20		+ 10 / - 20
VOLUME SWELL : AT 70° C FOR 72 HRS/IN			ASTM D 471	
IRM OIL NO.1		Not Recommended		Not Recommended
IRM OIL NO.2		Not Recommended		Not Recommended
IRM OIL NO.3		Not Recommended		Not Recommended
POLYMER CONTENT (EPDM)		100%		100
CHEMICAL RESISTANCE				
--- OZONE@100PPHM/72HRS/40°C/20%STRETCH		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
TEMPERATURE RANGE		-40° to + 130° C		-40° to + 130° C
COLOUR		BLACK		BLACK



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

Email: info@zenithrubber.com

Website: www.zenithrubber.com