



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 : EPDM CODE : EP 70145 FR

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.45 ± 0.05	ASTM D297	1.45 ± 0.05
HARDNESS	DIN 53505	70 ± 5 Sh A	ASTM D2240	70 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	995 PSI	ASTM D412	70 kg/cm ²
ELONGATION AT BREAK (min)	DIN 53504	400%	ASTM D412	400%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	DIN 53517	25%	ASTM D395 METHOD B	25%
TEAR RESISTANCE (Angular) min	DIN 53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (168 hrs. AT 85°C)			ASTM D573	
--- HARDNESS (Pts)		+ 10 (Max)		+ 10 (Max)
--- TENSILE STRENGTH (%)		+ 15 / -15		+ 15 / -15
--- ELONGATION AT BREAK (%)		+ 10 / -30		+ 10 / -30
POLYMER		100 % EPDM		100 % EPDM
OZONE 200 PPHM 96 H 40°C 20 %		NO CRACKS	ASTM D 1149	NO CRACKS
HAZARD LEVEL	EN 45 545	HL 3	EN 45 545	HL 3
FIRE RESISTANCE	BS 476, Part 7 Vehicle cat. La acc. To BS 6853	CLASS 3	BS 476, Part 7 Vehicle cat. La acc. To BS 6853	CLASS 3
CHEMICAL RESISTANCE				
--- OZONE		VERY GOOD		VERY GOOD
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND		MEDIUM		MEDIUM
--- OILS		MEDIUM		MEDIUM
TEMPERATURE RANGE		-30° to + 100°C		-30° to + 100°C
COLOUR		BLACK		BLACK



141/144,14TH FLOOR, FREE PRESS HOUSE, FREE PRESS JOURNAL MARG 215,NARIMAN POINT MUMBAI - 400021
Email: info@zenithrubber.com Website: www.zenithrubber.com