



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : COMMERCIAL EPDM RUBBER CODE: EP 60125

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.25	DIN 53508	1.25
HARDNESS	ASTM D2240	65 ± 5 Sh A	DIN 53505	65 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	855 PSI	DIN 53504	60 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	250%	DIN 53504	250%
COMPRESSION SET (70° C/24 hrs/25% set) (max)	ASTM D395 METHOD B	35%	DIN 53517	35%
TEAR RESISTANCE (Angular) min	ASTM D624	112 Lbs/Inch	DIN 53515	20 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
POLYMER CONTENT		60%		60%
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		-40° to + 120° C		-40° to + 120° C
COLOUR		BLACK		

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

Email: info@zenithrubber.com Website: www.zenithrubber.com