



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : 100% EPDM CODE : EP 50120

PROPERTIES	TEST METHOD	VALUES	TEST METHOD
		FPS UNITS	
SPECIFIC GRAVITY	ASTM D297	1.25	DIN 53508
HARDNESS	ASTM D2240	50 ± 5 Sh A	DIN 53505
TENSILE STRENGTH (min)	ASTM D412	1290 PSI	DIN 53504
ELONGATION AT BREAK (min)	ASTM D412	400%	DIN 53504
COMPRESSION SET (70 0 C/24 hrs/25% set) (max)	ASTM D395 METHOD B	0.3	DIN 53517
TEAR RESISTANCE (Angular) min	ASTM D624	95 Lbs/Inch	DIN 53515
CHANGE IN PROPERTIES			
HEAT AGEING (72 hrs. AT 70 °C)	ASTM D573		
--- HARDNESS (Pts)		+ 3 (Max)	
--- TENSILE STRENGTH (%)		+ 10 / - 10	
--- ELONGATION AT BREAK (%)		+ 10 / - 20	
VOLUME SWELL : AT 70°C FOR 72 HRS/IN	ASTM D 471		
ASTM OIL NO.1		NOT RECOMMENDED	
ASTM OIL NO.2		NOT RECOMMENDED	
ASTM OIL NO.3		NOT RECOMMENDED	
POLYMER CONTENT (EPDM)		1	
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	EXCELLENT	
--- DILUTE ACIDS AND BASES		EXCELLENT	
--- CONCENTRATED ACIDS AND BASES		EXCELLENT	
--- OILS		NOT RECOMMENDED	
--- SOLVENTS		NOT RECOMMENDED	
TEMPERATURE RANGE		-40 °to + 110 °C	

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

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VALUES
METRIC UNITS
1.20
50 ± 5 Sh A
90 kg/cm ²
450%
40%
20 Kg/cm
+ 3 (Max)
+ 10 / - 10
+ 10 / - 20
NOT RECOMMENDED
NOT RECOMMENDED
NOT RECOMMENDED
1
EXCELLENT
EXCELLENT
EXCELLENT
NOT RECOMMENDED
NOT RECOMMENDED
-40 °to + 115 °C

BLACK