



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 : FOOD GRADE EPDM RUBBER CODE: EP 60130 FG

PROPERTIES	TEST METHO	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.30 ± 0.05	ASTM D297	1.30 ± 0.05
HARDNESS	DIN 53505	60 ± 5 Sh A	ASTM D2240	60 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	711 PSI	ASTM D412	50 kg/cm2
ELONGATION AT BREAK (min)	DIN 53504	300%	ASTM D412	300 %
COMPRESSION SET (70 °C/24 hrs/25% set) (max)	DIN ISO 815-1	40%	ASTM D395 METHOD B	40%
TEAR RESISTANCE (Angular) min	DIN 53515	101 Lbs/Inch	ASTM D624	18 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10/ - 10		+ 10/ - 10
--- ELONGATION AT BREAK (%)		+ 10/ - 20		+ 10/ - 20
POLYMER CONTENT (EPDM)		100%		100%
CHEMICAL RESISTANCE				
--- OZONE		VERY GOOD	ASTM D 1149	VERY GOOD
--- DILUTE ACIDS AND BASES		VERY GOOD		VERY GOOD
--- CONCENTRATED ACIDS AND BASES		GOOD		GOOD
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-25 °to + 140° C		-25 °to + 140° C
COLOUR		WHITE		WHITE



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