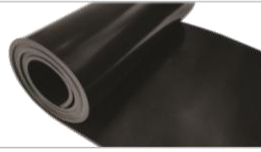




**EPDM 50125 (100 %)**  
**PRODUCT CODE – EP 50125 (100 %)**



**TECHNICAL SPECIFICATIONS**

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.25 ± 0.05	ASTM D297 1.25 ± 0.05
HARDNESS	DIN 53505	50 ± 5 Sh A	ASTM D2240 50 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	1138 PSI	ASTM D412 80 kg/cm 2
ELONGATION AT BREAK ( min )	DIN 53504	250%	ASTM D412 250 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	50 %	ASTM D395 METHOD B 50 %
TEAR RESISTANCE ( Angular ) min	DIN 53515	112 Lbs/Inch	ASTM D624 20 Kg/cm
CHANGE IN PROPERTIES AFTER			
HEAT AGEING FOR ( 72 hrs. AT 70 °C )			ASTM D573
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 20 % (Max)	+ 20 % (Max)
--- ELONGATION AT BREAK (%)		+ 30 % (Max)	+ 30 % (Max)
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471
IN IRM OIL NO.901		NOT RECOMMENDED	NOT RECOMMENDED
IN IRM OIL NO.902		NOT RECOMMENDED	NOT RECOMMENDED
IN IRM OIL NO.903		NOT RECOMMENDED	NOT RECOMMENDED
CHEMICAL RESISTANCE			
--- OZONE		PASSES	ASTM D 1149 PASSES
--- DILUTE ACIDS AND BASES		GOOD	GOOD
--- CONCENTRATED ACIDS AND BASES		EXCELLENT	EXCELLENT
--- OILS		NOT RECOMMENDED	NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-35° to + 130° C	-30 ° to + 130° C
COLOR		BLACK	BLACK

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.\*

