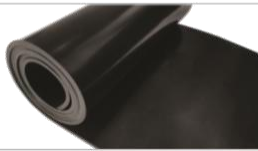




EPDM 50125 (100 %)
PRODUCT CODE – EP 50125 (100 %)



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY		1.25 ± 0.05	ASTM D297	1.25 ± 0.05
HARDNESS	ISO 48-4	50 ± 5 Sh A	ASTM D2240	50 ± 5 Sh A
TENSILE STRENGTH (min)	ISO 37	1138 PSI	ASTM D412	80 kg/cm 2
ELONGATION AT BREAK (min)	ISO 37	250%	ASTM D412	250 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	50 %	ASTM D395 METHOD B	50 %
TEAR RESISTANCE (Angular) min	ISO 34-1	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.*

