

**EPDM 30105 (100 %)**  
**PRODUCT CODE – EP 30105 (100 %)**



**TECHNICAL SPECIFICATIONS**

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY	-	1.05 ± 0.05	ASTM D297	1.05 ± 0.05
HARDNESS	ISO 48-4	30 ± 5 Sh A	ASTM D2240	30 ± 5 Sh A
TENSILE STRENGTH ( min )	ISO 37	90 kg/cm <sup>2</sup>	ASTM D412	1280 PSI
ELONGATION AT BREAK ( min )	ISO 37	450 %	ASTM D412	450 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	40 %	ASTM D395 METHOD B	40 %
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 (%)		+ 10 /-10		+ 10 /-10
--- ELONGATION AT BREAK (%)		+ 10 /-10		+ 10 /-10
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		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30° to + 125° C		-30 ° to + 125° C
COLOR		BLACK		BLACK

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