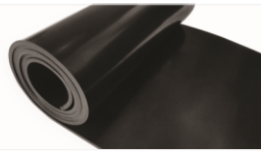


EPDM 5010
PRODUCT CODE – EP 50145



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.45 ± 0.05	ASTM D297	1.45 ± 0.05
HARDNESS	DIN 53505	50 ± 5 Sh A	ASTM D2240	50 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	858 PSI	ASTM D412	40 kg/cm 2
ELONGATION AT BREAK (min)	DIN 53504	200%	ASTM D412	200 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	40 %	ASTM D395 METHOD B	40 %
TEAR RESISTANCE (Angular) min	DIN 53515	100 Lbs/Inch	ASTM D624	18 Kg/cm
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+ 15 (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		+ 33%		+ 33%
IN IRM OIL NO.902		+ 47%		+ 47%
IN IRM OIL NO.903		+90 %		+90 %
CHEMICAL RESISTANCE				
--- OZONE		FAIR	ASTM D 1149	FAIR
--- DILUTE ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30° to + 90° C		-30 ° to + 90° C
COLOR		BLACK		BLACK

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