

EP 70115 WRC AS 4020:2018

PRODUCT CODE – EPDM 70115



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY		1.15 ± 0.05	ASTM D297	1.15 ±0.05
HARDNESS	ISO 48-4	70 ± 5 Sh A	ASTM D2240	70 ± 5 Sh A
TENSILE STRENGTH (min)	ISO 37	1564 PSI	ASTM D412	110 kg/cm 2
ELONGATION AT BREAK (min)	ISO 37	400%	ASTM D412	400 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	12 %	ASTM D395 METHOD B	12 %
TEAR RESISTANCE (Angular) min	ISO 34-1	224 Lbs/Inch	ASTM D624	35 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+ 2 (Max)		+ 2 (Max)
--- TENSILE STRENGTH (%)		+8		+8
--- ELONGATION AT BREAK (%)		+ 15		+ 15
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 + 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.*

