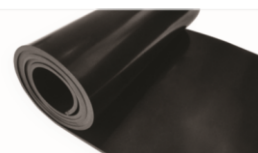


# DIAPHRAM 60120

## PRODUCT CODE – NBR 60120



### TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY		1.20 ± 0.05	ASTM D297	1.20 ± 0.05
HARDNESS	ISO 48-4	60 ± 5 Sh A	ASTM D2240	60 ± 5 Sh A
TENSILE STRENGTH ( min )	ISO 37	1422 PSI	ASTM D412	100 kg/cm 2
ELONGATION AT BREAK ( min )	ISO 37	300 %	ASTM D412	300 %
TEAR RESISTANCE ( Angular ) min	ISO 34-1	196 Lbs/Inch	ASTM D624	35 Kg/cm
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	50 %	ASTM D395 METHOD B	50 %
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR ( 72 hrs. AT 70 °C )			ASTM D573	
--- HARDNESS (Pts)		+5 (max)		+5 (max)
--- TENSILE STRENGTH (%)		+ 10 / -20		+ 10 / -20
--- ELONGATION AT BREAK (%)		-25		-25
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		10 % MAX		10 % MAX
CHEMICAL RESISTANCE				
--- OZONE		FAIR		FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		MODERATELY RESISTAN		MODERATELY RESISTAN
--- OILS		GOOD		GOOD
--- SOLVENTS		GOOD		GOOD
TEMPERATURE RANGE		-30° to + 100° C		-30° to + 100° C
COLOR		BLACK		BLACK
PLY INSERTION	1 & 2 PLY NYLON FABRIC 150 GSM			

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