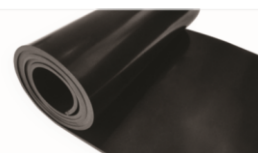


SILICON 60120

PRODUCT CODE – SI 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	1138 PSI	ASTM D412	80 kg/cm 2
ELONGATION AT BREAK (min)	ISO 37	300 %	ASTM D412	300 %
TEAR RESISTANCE (Angular) min	ISO 34-1	140 Lbs/Inch	ASTM D624	25 Kg/cm
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	40 %	ASTM D395 METHOD B	40 %
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+3 (max)		+3 (max)
--- TENSILE STRENGTH (%)		+5 / 5		+5 / -5
--- ELONGATION AT BREAK (%)		+5 / -5		+5 / - 5
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		EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-90° to + 220° C		-90° to + 220° C
COLOR		GREY / BLACK		GREY / BLACK

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