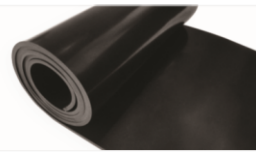


**SI 40120**  
**PRODUCT CODE –SI 40120**



**TECHNICAL SPECIFICATIONS**

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.20±0.05	ASTM D297	1.20±0.05
HARDNESS	DIN 53505	40 ± 5 Sh A	ASTM D2240	40 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	853 PSI	ASTM D412	60 kg/cm 2
ELONGATION AT BREAK ( min )	DIN 53504	250%	ASTM D412	250 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	45 %	ASTM D395 METHOD B	45 %
TEAR RESISTANCE ( Angular ) min	DIN 53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR ( 72 hrs. AT 100 °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	ASTM D 1149	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 + 230° C		-90 ° to + 230° C
COLOR		TRANSLUCENT/RED WHITE / BRICK RED / BLUE		TRANSLUCENT/RED WHITE / BRICK RED / BLUE

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

