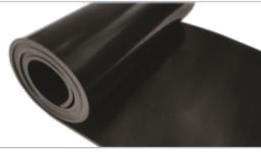


SILICON 50120 TRANSLUCENT

PRODUCT CODE – SI 50120



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.20 ± 0.05	ASTM D297 1.20 ± 0.05
HARDNESS	DIN 53505	50 ± 5 Sh A	ASTM D2240 50 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	858 PSI	ASTM D412 60 kg/cm 2
ELONGATION AT BREAK (min)	DIN 53504	250 %	ASTM D412 250 %
COMPRESSION SET (175°C/22 hrs/25% compression) (max)	DIN 53517	25 %	ASTM D395 METHOD B 25 %
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
CHEMICAL RESISTANCE			
--- OZONE		EXCELLENT	ASTM D 1149 EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT	EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT	EXCELLENT
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-90° to + 200° C	-30 ° to + 200° C
COLOR		TRANSLUCENT	TRANSLUCENT

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