



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

QUALITY : SILICONE RUBBER SHEET CODE: SI 50120 T

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.2	1.2
HARDNESS	ASTM D2240	50 ± 5 Sh A	50 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1282.5 PSI	90 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	250%	250%
COMPRESSION SET (70° C/24 hrs/25% set) (max)	ASTM D395 METHOD B	40%	40%
TEAR RESISTANCE (Angular) min	ASTM D624	112 Lbs/Inch	20 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING (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/IN	ASTM D 471		
ASTM OIL NO.1		+ 5%	+ 5%
ASTM OIL NO.2		+ 7%	+ 7%
ASTM OIL NO.3		+ 25%	+ 25%
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	EXCELLENT	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT	EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT	EXCELLENT
--- OILS		GOOD	GOOD
--- SOLVENTS		FAIR	FAIR
TEMPERATURE RANGE		-90 ° to + 200° C	-90 ° to + 200° C
COLOUR		TRANSLUCENT	TRANSLUCENT

Products that this data relates to available in China from:

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