



# FULLCHANCE INDUSTRIAL CO.,LTD

## TECHNICAL SPECIFICATIONS

### QUALITY : SILICONE RUBBER SHEET CODE: SI 65130

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.3 ± 0.05	1.3 ± 0.05
HARDNESS	ASTM D2240	65 ± 5 Sh A	65 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	713PSI	50 kg/cm2
ELONGATION AT BREAK ( min )	ASTM D412	150%	150%
COMPRESSION SET (70° C/24 hrs/25% set) (max)	ASTM D395 METHOD B	45%	45%
TEAR RESISTANCE ( Angular ) min	ASTM D624	95 Lbs/Inch	17 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING ( 72 hrs. AT 100 °C )	ASTM D573		
--- HARDNESS (Pts)		+ 1 (Max)	+ 1 (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		-1%	-1%
ASTM OIL NO.2		+ 7%	+ 7%
ASTM OIL NO.3		+ 17%	+ 17%
<b>CHEMICAL RESISTANCE</b>			
--- 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		-50 °to + 175°C	-50 °to + 175°C
COLOUR		BRICK RED	BRICK RED

Products that this data relates to available in China from:

## **FULLCHANCE INDUSTRIAL CO.,LTD**

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