



ZENITH INDUSTRIAL RUBBER
PRODUCTS PVT. LTD.
Quality Rubber Solutions

An ISO 9001:2008 Certified Company
An ISO 14001:2004 Certified Company



GOVT.RECOGNISED EXPORT HOUSE

TECHNICAL SPECIFICATIONS

QUALITY : SILICONE RUBBER SHEET CODE: SI 65130

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.3 ± 0.05	ASTM D297	1.3 ± 0.05
HARDNESS	DIN 53505	65 ± 5 Sh A	ASTM D2240	65 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	713PSI	ASTM D412	50 kg/cm2
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	95 Lbs/Inch	ASTM D624	17 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (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			ASTM D 471	
IN ASTM OIL NO.1		-1%		-1%
IN ASTM OIL NO.2		+ 7%		+ 7%
IN ASTM OIL NO.3		+ 17%		+ 17%
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		FAIR		FAIR
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-50 °to + 220°C		-50 °to + 220°C
COLOUR		BRICK RED		BRICK RED



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