



# ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



## TECHNICAL SPECIFICATIONS

QUALITY : NR / SBR RUBBER RIBBED MATS

Square Design Matting (SD 65)

Profile:



PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.5	DIN 53508	1.5
HARDNESS	ASTM D2240	65 ± 5 Sh A	DIN 53505	65 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	860 PSI	DIN 53504	60 kg/cm <sup>2</sup>
ELONGATION AT BREAK ( min )	ASTM D412	250%	DIN 53504	250%
ABRASION RESISTANCE ( max )	ASTM D5963	400 mm <sup>3</sup>	DIN 53516	400 mm <sup>3</sup>
COMPRESSION SET (70 °C/24 hrs/25% set) (max)	ASTM D395 METHOD B	35%	DIN 53517	35%
TEAR RESISTANCE ( Angular ) min	ASTM D624	112 Lbs/Inch	DIN 53515	20 Kg/cm
<b>CHANGE IN PROPERTIES</b>				
HEAT AGEING ( 72 hrs. AT 70°C )	ASTM D573			
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 20 / - 20		+ 20 / - 20
--- ELONGATION AT BREAK (%)		+ 25 / - 25		+ 25 / - 25
<b>VOLUME SWELL : AT 70° C FOR 72 HRS/IN</b>	ASTM D 471			
ASTM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
<b>CHEMICAL RESISTANCE</b>				
--- OZONE	ASTM D 1149	NOT RECOMMENDED		NOT RECOMMENDED
--- DILUTE ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
RESISTANCE TO MIGRATION STAINING		GOOD		GOOD
TEMPERATURE RANGE		-30° C to + 70° C		-30° C to + 70° C
COLOUR		YELLOW, RED, BLUE, OFF WHITE		

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