



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

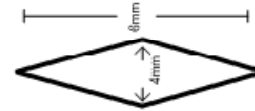
Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : NR / SBR RUBBER RIBBED MATS
Diamond Design Mat (DD 65)

Profile:



PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS	METHOD	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.45	DIN 53508	1.45
HARDNESS	ASTM D2240	65 ± 5 Sh A	DIN 53505	65 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	502 PSI	DIN 53504	35 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	250%	DIN 53504	250%
ABRASION RESISTANCE (max)	ASTM D5963	300 mm ³	DIN 53516	300 mm ³
COMPRESSION SET (70 °C/24 hrs/25% set) (max)	ASTM D395 METHOD B	35%	DIN 53517	35%
TEAR RESISTANCE (Angular) min	ASTM D624	85 Lbs/Inch	DIN 53515	15 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573			
--- HARDNESS (Pis)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 20 / - 20		+ 20 / - 20
--- ELONGATION AT BREAK (%)		+ 25 / - 25		+ 25 / - 25
VOLUME SWELL : AT 70° C FOR 72 HRS/IN	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
CHEMICAL RESISTANCE				
--- OZONE	ASTM D 1149	NOT RECOMMENDED		NOT RECOMMENDED
--- DILUTE ACIDS AND BASES		FAIR		FAIR
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30° C to + 70° C		-30° C to + 70° C
COLOUR		BLACK		BLACK

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