



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : NR / SBR RUBBER RIBBED MATS
Transit Rib Mat (TR 80)



PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.60	DIN 53508	1.60
HARDNESS	ASTM D2240	80 ± 5 Sh A	DIN 53505	80 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	717 PSI	DIN 53504	50 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	200%	DIN 53504	200%
ABRASION RESISTANCE (max)	ASTM D5963	450 mm ³	DIN 53516	450 mm ³
TEAR RESISTANCE (Angular) min	ASTM D624	112 Lbs/Inch	DIN 53515	20 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

A/2, PAREKH MAHAL, 80 VEER NARIMAN ROAD, CHURCHGATE MUMBAI - 400 020.

Email: info@zenithrubber.com Website: www.zenithrubber.com