



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : ABRASION RESISTANCE SHEET CODE: ABRA R 60

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.10	DIN 53508	1.10
HARDNESS	ASTM D2240	60 ± 5 Sh A	DIN 53505	60 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	3870 PSI	DIN 53504	270 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	700%	DIN 53504	700%
ABRASION RESISTANCE (max)	ASTM D5963	80 mm ³	DIN 53516	80 mm ³
COMPRESSION SET (70 °C/24 hrs/25% set) (Max)	ASTM D395 METHOD B	20%	DIN 53517	20%
TEAR RESISTANCE (Angular) min	ASTM D624	504 Lbs/Inch	DIN 53515	90 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70 °C)	ASTM D573			
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / -25		+ 10 / -25
--- ELONGATION AT BREAK (%)		+ 10 / -25		+ 10 / -25
VOLUME SWELL : AT 70°C FOR 72 HRS/IN				
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	FAIR		FAIR
--- 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
TEMPERATURE RANGE		-40° to + 70°C		-40° to + 70°C
COLOUR		RED		RED

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

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