



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : NR 65145

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.5 ± 0.05	DIN 53508	1.5 ± 0.05
HARDNESS	ASTM D2240	65 ± 5 Sh A	DIN 53505	65 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	860 PSI	DIN 53504	60 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	300%	DIN 53504	300%
COMPRESSION SET (70 0 C/22 hrs/25% set) (max)	ASTM D395 METHOD B	50%	DIN 53517	55%
ABRASION RESISTANCE, MM3, MAX	ASTM D 5963	400	DIN 53516	400
TEAR RESISTANCE (Angular) min	ASTM D624	123 Lbs/Inch	DIN 53515	22 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70 0C)	ASTM D 573			
--- HARDNESS (Pts)		+ 5 (MAX)		+ 5 (MAX)
--- TENSILE STRENGTH (%)		+20/ -20		+20/ -20
--- ELONGATION AT BREAK (%)		+25/ -25		+25/ -25
VOLUME SWELL : AT 700 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		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		-300C + 70 0C		-250C + 700C
COLOUR		COLOR		

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

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