



**ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.**

*Quality Rubber Solutions*

An ISO 9001:2008 Registered Company  
An ISO 14001: 2004 Registered Company

**GOVT.RECOGNISED EXPORT HOUSE**

**TECHNICAL SPECIFICATIONS**

QUALITY : NATURAL RUBBER (PULLY LAGGING SHEET)

CODE: PL 55110 B

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.10	DIN 53508	1.10
HARDNESS	ASTM D2240	55 ± 5 Sh A	DIN 53505	55 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	2133 PSI	DIN 53504	150 kg/cm2
ELONGATION AT BREAK ( min )	ASTM D412	600%	DIN 53504	600%
ABRASION RESISTANCE ( max )	ASTM D5963	120 mm3	DIN 53516	120 mm3
COMPRESSION SET (70 °C/24 hrs/25% set) (Max)	ASTM D395 METHOD B	30%	DIN 53517	30%
TEAR RESISTANCE ( Angular ) min	ASTM D624	151 Lbs/Inch	DIN 53515	27 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 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	FAIR		FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30° to + 70°C		-30° to + 70°C
COLOUR & DESIGN		MINI DIAMOND DESIGN BLUE or WHITE WITH NEOPRENE BONDING LAYER		MINI DIAMOND DESIGN BLUE or WHITE WITH NEOPRENE BONDING LAYER



141/144,14<sup>TH</sup> FLOOR, FREE PRESS HOUSE, FREE PRESS JOURNAL MARG 215,NARIMAN POINT MUMBAI - 400021  
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