



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions

An ISO 9001:2008 Certified Company

An ISO 14001:2004 Certified Company

GOVT.RECOGNISED EXPORT HOUSE

TECHNICAL SPECIFICATIONS

QUALITY : NATURAL RUBBER SHEET CODE : ABE 45120

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.20 ± 0.05	1.20 ± 0.05
HARDNESS	DIN 53505	45 ± 5 Sh A	45 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	1425 PSI	120 kg/cm ²
ELONGATION AT BREAK (min)	DIN 53504	500%	500%
ABRASION RESISTANCE (max)	DIN 53516	150 mm ³	150 mm ³
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	40%	40%
TEAR RESISTANCE (Angular) min	DIN 53515	140 Lbs/Inch	25 Kg/cm
CHANGE IN PROPERTIES AFTER			
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 20	+ 10 / - 20
--- ELONGATION AT BREAK (%)		+ 10 / - 20	+ 10 / - 20
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471
IN IRM OIL NO.1		NOT RECOMMENDED	NOT RECOMMENDED
IN IRM OIL NO.2		NOT RECOMMENDED	NOT RECOMMENDED
IN IRM OIL NO.3		NOT RECOMMENDED	NOT RECOMMENDED
CHEMICAL RESISTANCE			
--- OZONE		FAIR	ASTM D 1149
--- 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



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

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