



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 : ABRA SUPER 40 RED

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	0.98 (max.)	0.98 (max.)
HARDNESS	DIN 53505	38 ± 5 Sh A	38 ± 5 Sh A
MODULUS @ 500% (min)	DIN 53504	298 PSI	21 kg/cm ²
TENSILE STRENGTH (min)	DIN 53504	3627 PSI	255 kg/cm ²
ELONGATION AT BREAK (min)	DIN 53504	900 %	900 %
ABRASION RESISTANCE (max)	DIN 53516	80 mm ³	80 mm ³
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	20%	20%
TEAR RESISTANCE (Angular) min	DIN 53515	250 Lbs/Inch	44 Kg/cm
RESILIENCE		75%	75%
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573
--- HARDNESS (Pts)		+ 3 (Max)	+ 3 (Max)
--- TENSILE STRENGTH (%)		+10 / - 15	+10 / - 15
--- ELONGATION AT BREAK (%)		+10 / - 15	+10 / - 15
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		NOT RECOMMENDED	ASTM D 1149
--- 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		-40° to + 75° C	-40° to + 75° C
COLOR		RED	RED



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

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