



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 : COMMERCIAL NATURAL RUBBER

CODE : NR 70160

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.60 ± 0.05	DIN 53508	1.60 ± 0.05
HARDNESS	ASTM D2240	70 ± 5 Sh A	DIN 53505	70 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	426 PSI	DIN 53504	30 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	200%	DIN 53504	200%
TEAR RESISTANCE (Angular) min	ASTM D624	84 Lbs/Inch	DIN 53515	15 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 / -25		+ 10 / -25
--- ELONGATION AT BREAK (%)		+ 10 / -25		+ 10 / -25
VOLUME SWELL : AT 70°C FOR 72 HRS	ASTM D 471			
IN ASTM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
IN ASTM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
IN 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
TEMPERATURE RANGE		-30° to + 70° C		-30° to + 70° C
COLOUR		BLACK		BLACK



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