



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : COMMERCIAL NATURAL RUBBER CODE : FF 70200

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	2.00	DIN 53508	2.00
HARDNESS	ASTM D2240	70 ± 5 Sh A	DIN 53505	75 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	215 PSI	DIN 53504	15 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	150%	DIN 53504	150%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	80%	DIN 53517	80%
TEAR RESISTANCE (Angular) min	ASTM D624	67 Lbs/Inch	DIN 53515	12 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	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		-10° to + 70°C		-10° to + 70°C
COLOUR		BLACK		BLACK

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

Email: info@zenithrubber.com

Website: www.zenithrubber.com