



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : 100% NITRILE CODE : NB 60150

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.5	1.50
HARDNESS	ASTM D2240	60 ± 5 Sh A	50 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1000 PSI	70 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	300%	300%
COMPRESSION SET (70 ° C/24 hrs/25% set) (max)	ASTM D395 METHOD B	35%	30%
TEAR RESISTANCE (Angular) min	ASTM D624	140 Lbs/Inch	18Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573		
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 10	+ 10 / - 10
--- ELONGATION AT BREAK (%)		+ 10 / -20	+ 10 / -20
VOLUME SWELL : AT 70°C FOR 72 HRS/IN	ASTM D 471		
ASTM OIL NO.1		-2%	-2%
ASTM OIL NO.2		+ 4%	+ 4%
ASTM OIL NO.3		+ 12%	+ 12%
POLYMER CONTENT (HYPALON)		1	1
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	FAIR	FAIR
--- DILUTE ACIDS AND BASES		GOOD	GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED	NOT RECOMMENDED
--- OILS		EXCELLENT	EXCELLENT
--- SOLVENTS		GOOD	GOOD
TEMPERATURE RANGE		-30 ° to + 110 °c	-30 ° to + 100 °c
COLOUR		BLACK	BLACK

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

Email: info@zenithrubber.com

Website: www.zenithrubber.com