



**ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.**

*Quality Rubber Solutions*

An ISO 9001:2008 Registered Company  
An ISO 14001: 2004 Registered Company

**GOVT.RECOGNISED EXPORT HOUSE**

**TECHNICAL SPECIFICATIONS**

QUALITY: NITRILE RUBBER CODE: NB60130

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.30±0.05	DIN 53508	1.30±0.05
HARDNESS	ASTM D2240	60 ± 5 Sh A	DIN 53505	60 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	1423PSI	DIN 53504	100 kg/cm2
ELONGATION AT BREAK ( min )	ASTM D412	250%	DIN 53504	250%
COMPRESSION SET (70 °C/24 hrs/25% set) (max)	ASTM D395 METHOD B	30%	DIN 53517	30%
TEAR RESISTANCE ( Angular ) min	ASTM D624	196Lbs/Inch	DIN 53515	35Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING ( 72 hrs. AT 70 °C )	ASTM D573			
--- HARDNESS (Pis)		+ 5 (Max)		+ 5 (Max)
-- TENSILE STRENGTH (%)		+ 10 / - 20		+ 10 / - 20
--- ELONGATION AT BREAK (%)		+ 20		+ 20
VOLUME SWELL : AT 70° C FOR 48 HRS IN WATER	ASTM D 471	2 % max		2 % max
POLYMER CONTENT (NITRILE)		100%		100%
---OZONE	ASTM D 1149	FAIR		FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		FAIR		FAIR
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
--TEMPERATURE RANGE		-30 ° to + 100° C		-30 ° to + 100 ° C
---COLOUR		BLACK		BLACK
-WEATHER RESISTANCE		GOOD		GOOD



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

Email: [info@zenithrubber.com](mailto:info@zenithrubber.com)

Website: [www.zenithrubber.com](http://www.zenithrubber.com)