



# 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 : BUTYL CODE: IIR 60120

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.20 ± 0.05	1.20 ± 0.05
HARDNESS	DIN 53505	60 ± 5 Sh A	60 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	1280 PSI	90 kg/cm2
ELONGATION AT BREAK ( min )	DIN 53504	350%	350%
COMPRESSION SET (70 ° C/24 hrs/25% Compression) (max)	DIN ISO 815-1	40%	40%
TEAR RESISTANCE ( Angular ) min	DIN 53515	140 Lbs/Inch	25 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR ( 72 hrs. AT 70°C )			ASTM D573
--- HARDNESS (Pts)		+ 3 (Max)	+ 3 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 10	+ 10 / - 10
--- ELONGATION AT BREAK (%)		+ 10 / - 10	+ 10 / - 10
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
<b>CHEMICAL RESISTANCE</b>			
--- OZONE		EXCELLENT	ASTM D 1149 EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT	EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT	EXCELLENT
--- OILS		FAIR	FAIR
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-40° to + 125°C	-40° to + 125°C
COLOUR		BLACK	BLACK



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

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

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