



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 : SBR FOOD GRADE CODE : SB 60150 FG

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.5 ± 0.05	1.5 ± 0.05
HARDNESS	DIN 53505	60 ± 5 Sh A	60 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	855 PSI	60 kg/cm ²
ELONGATION AT BREAK (min)	DIN 53504	300%	300%
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	40%	40%
TEAR RESISTANCE (Angular) min	DIN 53515	112 Lbs/Inch	20 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 / -15	+ 10 / -15
--- ELONGATION AT BREAK (%)		+ 10 / -15	+ 10 / -15
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471
IN IRMOIL NO.1		NOT RECOMMENDED	NOT RECOMMENDED
IN IRM OIL NO.2		NOT RECOMMENDED	NOT RECOMMENDED
IN IRM OIL NO.3		NOT RECOMMENDED	NOT RECOMMENDED
CHEMICAL RESISTANCE			
--- OZONE		NOT RECOMMENDED	ASTM D 1149
--- 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		Off-White	



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