

## TECHNICAL DATA SPECIFICATIONS: REXLINE BIIR

PROPERTIES	TEST METHOD	VALUES
		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.27 ± 0.05
HARDNESS	ASTM D2240	50 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	40 kg/cm <sup>2</sup>
ELONGATION AT BREAK (min)	ASTM D412	370%
ABRASION RESISTANCE (max)	ASTM D5963	250 mm <sup>3</sup>
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ASTM D395 METHOD B	30.5%
TEAR RESISTANCE (Angular) (min)	ASTM D624	20.5 Kg/cm
RESILIENCE		---
CHANGE IN PROPERTIES AFTER		
HEAT AGEING FOR (72 hrs. AT 70°C)	ASTM D573	
HARDNESS (Pts)		+ 5 (Max)
TENSILE STRENGTH (%)		+ 10 / - 10
ELONGATION AT BREAK (%)		+ 20 / - 20
VOLUME SWELL: AT 70°C FOR 72 HRS	ASTM D 471	
IN IRM OIL NO.1		NOT RECOMMENDED
IN IRM OIL NO.2		NOT RECOMMENDED
IN IRM OIL NO.3		NOT RECOMMENDED
CHEMICAL RESISTANCE		
OZONE	ASTM D1149	EXCELLENT
DILUTE ACIDS AND BASES		EXCELLENT
CONCENTRATED ACIDS AND BASES		EXCELLENT
OILS		FAIR
SOLVENTS		NOT RECOMMENDED
TEMPERATURE RANGE		-40° to + 125° C
COLOUR		BLACK