

RS-60B BUTYL

TECHNICAL SPECIFICATION				
PROPERTIES	TEST METHOD	VALUES		
		FPS UNITS	TEST METHOD	VALUES
				METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.20	DIN 53508	1.20g/cm ³
HARDNESS	ASTM D2240	60± 5 Sh A	DIN 53505	60 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1280 PSI	DIN 53504	90 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	500%	DIN 53504	350%
ABRASION RESISTANCE (max)	ASTM D5963	110 mm ³	DIN 53516	110 mm ³
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	0.4	DIN 53517	40%
TEAR RESISTANCE (Angular) min	ASTM D624	140 lbs/inch	DIN 53515	35 kg/cm
RESILIENCE		70%		70%
CHANGE IN PROPERTIES				
HEAT AGING (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/IN	ASTM D471			
ASTM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
CHEMICAL RESISTANCE				
– OZONE	ASTM D1149	EXCELLENT		EXCELLENT
– DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
– CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
– OILS		NOT RECOMMENDED		NOT RECOMMENDED
– SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-40° to +130° C		-40° to +130° C
COLOUR		BLACK		BLACK