

TECHNICAL SPECIFICATIONS

EPDM 65SH A

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUE METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.25	ASTM D297	125
HARDNESS	DIN 53505	65 +/-5 Sh A	ASTM D2240	65 +/-5 Sh A
TENSILE STRENGTH (min)	DIN53504	1140PSI	ASTM D412	80 kg/cm2
ELONIGATION AT BREAK (min)%	DIN53504	350	ASTM D412	350
COMPRESSION SET (70°C/24 hrs/25% set) (max)%	DIN53517	40	ASTM D395 METHOD B	40
TEAR RESISTANCE (Angular) min	DIN53515	123.2 Lbs/Inch	ASTM D624	22 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72hrs at 70°C)			ASTM D573	
HARDNESS (pts)		+ 3 (max)		+ 3 (max)
TENSILE STRENGTH (%)		+ 10/-10		+10/-10
ELONIGATION AT BREAK (%)		+10/-20		+10/-20
VOLUME SWELL: at 70°C for 72hrs HRS/IN			ASTM D471	
IRM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
IRM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
IRM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
POLYMER CONTENT		100		100
OZONE/ROOM TEMPERATURE/96 HRS	DIN ISO 1431-1	500 ppb +/- 50 ppb		NO CRACKS
DILUTED ACIDS AND BASES		EXCELLENT		EXCELLENT
CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
TEMPERATURE RANGE		-40°C to +130°C		-40°C to +130°C
COLOUR		BLACK		BLACK

CONTACT

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