

TECHNICAL SPECIFICATIONS

NEOPRENE 70SH A

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUE METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	145 +/- 0.05	ASTM D297	145 +/- 0.05
HARDNESS	DIN 53505	70 +/- 5 Sh A	ASTM D2240	70 +/- 5 Sh A
TENSILE STRENGTH (min)	DIN53504	569PSI	ASTM D412	40 kg/cm2
ELONIGATION AT BREAK (min)%	DIN53504	200%	ASTM D412	200%
COMPRESSION SET (70°C/24 hrs/25% set) (max)%	DIN ISO 815-1	40%	ASTM D395 METHOD B	40%
TEAR RESISTANCE (Angular) min	DIN53515	100 Lbs/Inch	ASTM D624	18 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72hrs at 70°C)			ASTM D573	
HARDNESS (pts)		+ 5 (max)		+ 5 (max)
TENSILE STRENGTH (%)		+ 10/-25		+10/-25
ELONIGATION AT BREAK (%)		+10/-25		+10/-25
VOLUME SWELL: at 70°C for 72hrs HRS/IN			ASTM D471	
IRM OIL NO.1		+33%		+33%
IRM OIL NO.2		+47%		+47%
IRM OIL NO.3		+90%		+90%
POLYMER CONTENT		10%		10%
OZONE		FAIR	ASTM D 1149	FAIR
DILUTED ACIDS AND BASES		FAIR		FAIR
CONCENTRATED ACIDS AND BASES, OILS, SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30°C to +90°C		-30°C to +90°C
COLOUR		BLACK		BLACK

CONTACT

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