

# EXFOAM EN70

**Solid Neoprene Rubber**

Property	Value FPS Units	Test Method	Value Metric Units
SPECIFIC GRAVITY	1.45 ± 0.05	ASTM D297	1.45 ± 0.05
HARDNESS	70 ± 5 SH A	ASTM D2240	70 ± 5 SH A
TENSILE STRENGTHS	569 PSI	ASTM D412	40kg/cm <sup>2</sup>
ELONGATION AT BREAK	200%	ASTM D412	200%
COMPRESSION SET (70°C/24 HRS/25% SET) (MAX)	40%	ASTM D395 METHOD B	40%
TEAR RESISTANCE (ANGULAR) MIN	100 LBS/INCH	ASTM D624	18kg/cm
HEAT AGEING (72 HRS. AT 70°C)		ASTM D573	
HARDNESS (PTS)	+ 5 (MAX)		+ 5 (MAX)
TENSILE STRENGTH (%)	+ 10 / - 25		+ 10 / - 25
ELONGATION AT BREAK (%)	+ 10 / - 25		+ 10 / - 25
VOLUME SWELL : AT 70°C for 72 HRS/IN		ASTM D 471	
IRM OIL NO.1	+ 33%		+ 33%
IRM OIL NO.2	+ 47%		+ 47%
IRM OIL NO.3	+ 90%		+ 90%
POLYMER CONTENT (NEOPRENE)	10%		10%
TEMPERATURE RANGE	-30°C TO +90°C		-30°C TO +90°C
COLOUR	BLACK		