

# EXAFOAM EN50

## 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 Strength	569 PSI	ASTM D412	
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	
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		



Revision date: 23/1/23



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[www.premcrete.com](http://www.premcrete.com) | 02380 276166 |  
[sales@premcrete.com](mailto:sales@premcrete.com) | 44 Macadam Way, West  
Portway, Andover, Hampshire, SP10 3XW

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