

Hydrogenated nitrile rubber (HNBR) - 75A  
Material data sheet

# C-7018

ASTM: H-NBR

Property	Unit	Value	Standard
Standard colour	–	Black	
Durometer hardness	Shore A	75	ASTM D-2240
Specific gravity	-	1,16	ASTM D-792
Tensile strength	psi (MPa)	3600 (24,8)	ASTM D-412
Elongation at break	%	280	ASTM D-412
100 % modulus	psi (MPa)	690 (4,8)	ASTM D-412
Compression set			
125 °C / 22 h	%	11,5	ASTM D-395B
Minimum service temperature	°F (°C)	–22 (-30)	–
Maximum service temperature	°F (°C)	+302 (+150)	–
- Short term	°F (°C)	+320 (+160)	–

IMPORTANT NOTE: The values shown above are only valid for material samples prepared for test purposes according to the stated standards. Test values are typical results at specific conditions, with a limited sample size, and are published for general guidance only. Information applies at room temperature unless specified otherwise. Users must determine suitability of the material for their purpose.

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