



# HNBR 208 Sealing Solutions

Compound No./Material Name: <b>HNBR 208</b>	Rubber Classification: (ASTM D1418): <b>HNBR</b>	Service Temperature Range: <b>-40°F to 300°F (-40°C to 149°C)</b>	Color: <b>Black</b>
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Description		Typical
<b>Original Properties (ASTM Standard)</b>		
Specific Gravity (D297)		1.25
Hardness, Shore A, Points (D2240)		80
Tensile Strength, psi [MPa] (D412)		3,200 [22.07]
Elongation, % (D412)		280
Modulus @ 100% Elongation, psi [MPa] (D412)		1,115 [7.69]
<b>Fluid Aging (ASTM Standard)</b>		
1000 Hours @ Room Temperature In Unleaded Gasoline/MTBE (90/10)	Hardness Change, Points (D471)	-12
	Tensile Change, % (D471)	-26
	Elongation Change, % (D471)	-8.6
	Volume Change, % (D471)	+19
1000 Hours @ Room Temperature In Unleaded Gasoline/MTBE (80/20)	Hardness Change, Points (D471)	-12
	Tensile Change, % (D471)	-24
	Elongation Change, % (D471)	-4.6
	Volume Change, % (D471)	+20
1000 Hours @ Room Temperature In MTBE (Neat)	Hardness Change, Points (D471)	-10
	Tensile Change, % (D471)	-17
	Elongation Change, % (D471)	-3
	Volume Change, % (D471)	+16
<b>Compression Set @ 25% Deflection (ASTM Standard)</b>		
70 Hours @ 300°F (149°C), In Air, % of Original Deflection, % (D395)		34

*Note*  
Unless otherwise noted, all tests performed on ASTM slabs and buttons.

**Contact Us**

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