

HNBR 90/95 (ED)

This compound is based on a highly saturated grade of HNBR and is cured with a peroxide. It offers good tensile strength and resistance to explosive decompression. This type of HNBR formulation is known to be suitable for upto 5% Hydrogen Sulphide (H₂S), but its resistance to H₂S will require verification.

Press Cure	15 minutes @ 165 °C
Post Cure	4 hours @ 160 °C
Service Temperature Range	- 20°C to 150°C
Peak Working Temperature	+ 160°C

Original Properties
BS ISO 48-2 / ASTM D2240 / ISO 37 (Type 2)

	Units	Typical Result
Hardness	ShoreA	92
S.G.	-	1.26

Tensile Strength	MPa	22
M100	MPa	16.4
Elongation to Break	%	207

Compression set (70h @ 125°C)
BS ISO 815-1 (Method A)

	Units	Typical Result
Set	%	30

IMPORTANT NOTE

All information based on judgment is offered in good faith. Where no empirical data for the compound exists Clwyd Compounders Ltd. accepts no liability express or implied as to its validity.

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QC 103 Revision 0 Date Effective 01/01/17