

## INFNBR70

### General Information

A purpose-developed NBR compound optimized for inflatable seal applications where resistance to oils, fuels, and hydrocarbons is essential. Offers excellent mechanical strength and flexibility, maintaining sealing integrity under repeated inflation and deflation in harsh industrial settings.

### Common Applications

- Inflatable seals for **offshore** and **marine** environments
- **Fuel** and **oil** handling systems
- **Food processing applications** with exposure to animal or vegetable fats
- Industrial tanks, hatches, and reactor vessels
- Dynamic sealing in environments requiring oil and chemical resistance

Property	Unit	Value
Temperature Range	°C	-30 to +115
Hardness	Shore A	70(±5)
Specific Gravity	g/CM <sup>3</sup>	1.2 (±0.05)
Tensile Strength	N/mm <sup>2</sup>	11
Elongation at Break	%	300
Tear Resistance	N/mm	23
Compression Set (22hrs at 175°C)	%	35

*The values provided are for reference purposes only and are not intended for use in formal specifications. Dimensional tolerances conform to ISO 3302-1:2014*

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