

INFFKM75

General Information

A chemically resistant FKM compound with 75 Shore hardness, developed for use in inflatable seal applications exposed to aggressive media and elevated temperatures. Primarily used in vacuum environments or as an alternative in corrosive settings. While offering excellent chemical and thermal resistance, its reduced flexibility makes it less suitable for dynamic inflatable sealing compared to more elastic materials.

Compliance

- Vacuum chamber and isolator sealing
- Cleanroom and semiconductor applications
- Chemical processing equipment exposed to aggressive media

Property	Unit	Value
Temperature Range	°C	-30 to +200
Hardness	Shore A	75 (±5)
Specific Gravity	g/CM ³	1.96 (±0.05)
Tensile Strength	N/mm ²	20.9
Elongation at Break	%	201
Modulus	N/mm ²	5.5
Compression Set (22hrs at 175°C)	%	13.7

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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