



NBR 70 Compound 366221

ERIKS' 366221 is a specialist grade nitrile compound designed for gas distribution applications. The compound has a medium percentage of acrylonitrile and good compression set values at low temperatures.

Description

Chemical composition: Acrylonitrile-butadiene rubber (nitrile) Physical form: O-rings, moulded parts Colour: Black Temperature resistance: -30°C to +120°C

Application

- Gas distribution
- Low temperatures

Compliances

- EN682 GBL
- ADI
- REACH
- RoHS

Please consult our <u>Chemical Resistance Guide</u> for more information on this compound.



Property	Test standard	Value	Unit
Hardness	ISO 48	73±5	Shore A
Elongation at break	ISO 37	350	%
Tensile strength	ISO 37	18.3	MPa
100% Modulus	ISO 37	5	MPa
Compression set – 24 hours at 70°C	ISO 815		
Slab		5.2	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 168 hours at 70°C Hardness change Elongation at break change Tensile strength change	ISO 188	+3 +2.6 -4	Shore A % %
Immersion in ASTM Fuel B – 168 hours at 23°C Hardness change Volume change	ISO 1817	-12 +27	Shore A %
Immersion in ASTM Fuel B – 168 hours at 23°C and air drying 4 days at 70°C Hardness change Volume change	ISO 1817	+7 -8.6	Shore A %

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