



NBR 60 Compound 366202

ERIKS' 366202 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

- EN549 B2 H2
- 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 | 59±5 | IRHD |
| Elongation at break | ISO 37 | 405 | % |
| Tensile strength | ISO 37 | 13.55 | MPa |
| 100% Modulus | ISO 37 | 2.65 | MPa |
| Compression set – 24 hours at 100°C | ISO 2921 | | |
| Slab | | 11.9 | % |

Table 2: Ageing properties

| Property | Test standard | Value | Unit |
|----------------------------------|---------------|-------|------|
| Heat ageing – 168 hours at 100°C | ISO 188 | | |
| Hardness change | | +6.6 | IRHD |
| Elongation at break change | | -6 | % |
| Tensile strength change | | +19 | % |
| Volume change | | -2.1 | % |

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