

NBR 70 Compound 366318

ERIKS' 366318 is a specialist grade nitrile compound suitable for food contact applications and has FDA 21 CFR 177.2600 and EC1935:2004 compliance.



Description

Chemical composition: Acrylonitrile-butadiene

rubber (nitrile)

Physical form: Milk coupling rings, Moulded parts

Colour: Blue

Temperature resistance: -35°C to +110°C

Application

Food contact

Compliances

- FDA 21 CFR 177.2600
- EC1935:2004
- EC1935:200
- REACH
- ROHS

Additional information

- FDA 21 CFR 177.2600 extraction tested
- EC10/2011 migration tested

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











Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ISO 48	70±5	IRHD
Elongation at break	ISO 37	380	%
Tensile strength	ISO 37	11	MPa
100% Modulus	ISO 37	3.83	MPa
Compression set – 24 hours at 100°C	ISO 815		
Slab		10.4	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 100°C Hardness change Elongation at break change Tensile strength change	ISO 188	+4 -18 +5	IRHD % %
Immersion in water– 70 hours at 100°C Hardness change Elongation at break change Tensile strength change Volume change	ISO 1817	0 -16 -12 +2.5	IRHD % % %

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