

NBR 60 Compound 44501

ERIKS' 44501 is a standard grade nitrile compound with a medium percentage of acrylonitrile and good compression set values.



Description

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

Compliances

- ADI
- REACH
- RoHS

Application

- General purpose
- Hydrocarbons

Please consult our [Chemical Resistance Guide](#) for more information on this compound.



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ISO 7619-1	60±5	Shore A
Elongation at break	ISO 37	300	%
Tensile strength	ISO 37	14	MPa
Compression set – 24 hours at 100°C Slab	ISO 815	13	%
Low temperature resistance TR10	ISO 2921	-28	°C

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 100°C	ISO 188		
Hardness change		+7	Shore A
Elongation at break change		-13	%
Tensile strength change		+9	%

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