

The O-Ring Store LLC



We make getting o-rings easy!

BUNA-N 70 DUROMETER DATA SHEET FOR COMPOUND B70 PURPLE

Compound Features:

- Purple in color.
- Excellent resistance to petroleum products.
- Excellent water resistance.
- Resistance to ethylene glycol fluids.
- Works well with silicone grease or oil lubricants.
- Good low temperature flexibility.
- Good compression set.
- Good Permeation resilience.

Compound Limitations:

- Poor resistance to UV/sunlight, ozone, and weathering.
- Halogenated hydrocarbons.
- Poor resistance to ketones (MEK) and other strong solvents.
- Poor resistance to strong acids.
- Poor resistance to automotive and aircraft brake fluids.

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

ORIGINAL PROPERTIES – COLOR-SELECT PURPLE					
Properties	ASTM Designation	Test Method	Unit of Measure	ASTM D2000 Specification	B70 PURPLE Compound Property
Durometer	-	D2240	Shore A	70± 5	72
Tensile Strength		D412	Mpa	10	12
Elongation Resistance		D412	%	200	332
Specific Gravity		D624	g/cm3	1.32 ± 0.03	1.323

Information within is believed to be accurate and reliable. However, The O-Ring Store, LLC makes no warranty, expressed or implied, that parts supplied in this material will perform satisfactorily in specific applications. It's the customer's responsibility to evaluate the material prior to use.

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