

# The O-Ring Store LLC



We make getting o-rings easy!

## **BUNA-N 70 DUROMETER**

### **DATA SHEET FOR COMPOUND B70 BLUE**

#### **Compound Features:**

- Blue 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 BLUE					
Properties	ASTM Designation	Test Method	Unit of Measure	ASTM D2000 Specification	B70 BLUE Compound Property
Durometer	-	D2240	Shore A	70± 5	73
Tensile Strength		D412	Mpa	10	12.4
Elongation Resistance		D412	%	200	256
Specific Gravity		D624	g/cm3	1.35 ± 0.03	1.342

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