



Overview

NB70BK16 is Canyon's UL 157 approved, 70 shore A durometer, black NBR. Compare to Parker N0674-70 & N1470-70.

Features & Benefits

- UL 157 Approved for Gasoline, Kerosene, LP Gas, Naptha, Manufactured & Natural Gas, & Anhydrous Ammonia
- Good abrasion resistance
- Low Compression Set
- Cost Effective

Service Temperature

- -40°C to 125°C (-40°F to 257F)

Specification

- ASTM D2000 2BG715 B14 B34 EA14 EF11 EF21

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	70+/-5	74
Tensile Strength, psi (MPa)	1450 min	1644 (11.3)
Elongation	250% min	367%
Specific Gravity, g/cm ³		1.23



Table 2. A14 - Heat Aging - 70 hrs at 100°C

Test (Change)	Requirements	Results
Hardness, Shore A	+15 max	+14
Tensile Strength, %	-20 max	+25.4
Elongation, %	-40 max	-29.7

Table 3. B14 - Compression Set - 22 hrs at 100°C

Test (Change)	Requirements	Results
Permanent Set, %	25 max	8.6

Table 5. EA14 - Water Resistance - 70 hrs at 100°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 to +10	-2
Volume, %	-15 to +15	+6.8

Table 7. EF11 - Fuel A Resistance - 70 hrs at 23°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 to +10	0
Tensile Strength, %	-25 max	-0.8
Elongation, %	-25 max	-6.5
Volume, %	-5 to +10	-0.6

Table 8. EF21 - Fuel B Resistance - 70 hrs at 23°C

Test (Change)	Requirements	Results
Hardness, Shore A	-30 to 0	-9
Tensile Strength, %	-60 max	-11.8
Elongation, %	-60 max	-17.7
Volume, %	0 to +40	+13.5