



Overview

NB60BK00 is Canyon's standard 60 shore A durometer, black NBR. This is a very popular, cost-effective commodity material. Other NBR blends are available for low temperature applications, food manufacturing, and more. Compare to Parker N0525-60, N1470-70, and NA151-70.

Features & Benefits

- Good abrasion resistance
- Low hardness
- Low Compression Set
- Cost Effective

Service Temperature

- -35°C to 122°C (-31°F to 252F)

Specification

- ASTM D2000 M2CH614 A25 B34 E015 E035

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	60+/-5	61
Tensile Strength, psi (MPa)	2030 min	2510 (17.2)
Elongation	350% min	510%
Specific Gravity, g/cm ³		1.23



Table 2. A25 - Heat Aging - 70 hrs at 125°C

Test (Change)	Requirements	Results
Hardness, Shore A	0 to +15	+5
Tensile Strength, %	-25 max	+13
Elongation, %	-50 max	-19

Table 3. B34 - Compression Set - 22 hrs at 100°C

Test (Change)	Requirements	Results
Permanent Set, %	25 max	7

Table 4. E015 - ASTM Oil #1 (901) Resistance - 70 hrs at 125°C

Test (Change)	Requirements	Results
Hardness, Shore A	0 to +10	+2
Tensile Strength, %	-20 max	+3
Elongation, %	-35 max	-10
Volume, %	-15 to +5	-3

Table 5. E035 - ASTM Oil #3 (903) Resistance - 70 hrs at 125°C

Test (Change)	Requirements	Results
Hardness, Shore A	+10	+2
Tensile Strength, %	-15 max	-3
Elongation, %	-30 max	-6
Volume, %	0 to +25	+12

NB60BK00 is now available on the Canyon Components [online store!](#)