



Overview

EP60BK01 is Canyon's standard 60 shore A durometer, sulfur cured, black EPDM. This is a very popular, cost-effective commodity material. Compare to Parker E1157-60.

Features & Benefits

- High resistance to weathering
- Low durometer
- Good heat resistance
- Good abrasion resistance
- Low Compression Set
- Cost Effective

Service Temperature

- -55°C to 130°C (-67°F to 266F)

Specification

- ASTM D2000 M2BA610 A14 B13 EA14 F19

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	60+/-5	62
Tensile Strength, psi (MPa)	1450 min	1914 (13.2)
Elongation	350% min	600%
Specific Gravity, g/cm ³		1.16



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

Test (Change)	Requirements	Results
Hardness, Shore A	+10 max	+3
Tensile Strength, %	-25 max	-5
Elongation, %	-25 max	-12

Table 3. B13 - Compression Set - 22 hrs at 70°C

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

Table 4. EA14 - Water Resistance - 70 hrs at 100°C

Test (Change)	Requirements	Results
Hardness, Shore A	N/A	+2
Volume, %	N/A	-2

Table 5. F19 - Low Temp Brittleness Test - 3 mins at -55°C

Test (Change)	Requirements	Results
Brittleness	Non-Brittle	Non-Brittle

EP60BK01 is now available on the Canyon Components online store.

Looking for specific chemical compatibilities or desire more material information? [Please Contact Us!](#)