

## Overview

EP90BK01 is Canyon's standard 90 shore A durometer, sulfur cured, black EPDM. This is a very popular, cost-effective commodity material. Compare to Parker E0652-90.

## Features & Benefits

- High durometer
- High resistance to weathering
- 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 M2BA910 A14 B13 F19

## Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	90+/-5	89
Tensile Strength, psi (MPa)	1450 min	2393 (16.5)
Elongation	125% min	285%
Specific Gravity, g/cm <sup>3</sup>		1.22



Table 2. A14 - Heat Aging - 70 hrs at 150°C

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to +15	+1
Tensile Strength, %	-30 to +30	+5
Elongation, %	-50 max	-13

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

Test (Change)	Requirements	Results
Permanent Set, %	50 max	9

Table 4. F19 - Low Temp Brittleness Test - 3 mins at -55°C

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

EP90BK01 is now available on the Canyon Components online store.

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