



Overview

Canrez® CP80BK00 is Canyon's 80 shore A, general purpose FFKM offering near universal chemical resistance and excellent high-temperature resistance with the most competitive pricing.

CP80BK00 has a service temperature range of -15°C to 250°C and withstands short excursions outside that range.

Features & Benefits

- Extremely cost effective compared to other FFKM perfluoroelastomer materials
- Near universal chemical resistance
- High temperature resistance & compression set resistance

Recommended Applications

- Semiconductor
- Chemical Processing
- Oil & Gas
- Harsh Chemical Applications

Service Temperature

- -15°C to 250°C (5°F to 482°F)



Test Data

Table 1. Physical Properties

Color	Black
Hardness, Shore A	80
Tensile Strength, psi (MPa)	2275 (15.7)
Elongation	200%
100% Modulus, psi (MPa)	1237 (8.5)
Specific Gravity, g/cm ³	2.06

Table 2. Heat Aging – 70 hrs at 290°C

Hardness, Shore A	+0
Tensile Strength Change, %	+12
Ultimate Elongation Change, %	+2

Table 3. Compression Set

70hrs at 200°C	26%
70hrs at 230°C	28%
70hrs at 260°C	50%
336hrs at 230°C	42%

CP80BK00 is available now on the [Canyon Components store](#).

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

