



Overview

Canrez® CP75BK04 is Canyon's flagship USP VI & FDA compliant FFKM offering near universal chemical resistance and good high-temperature resistance at a low cost.

CP75BK04 has a service temperature range of -7°C to 230°C and withstands short excursions outside that range.

Features & Benefits

- USP Class VI
- FDA Compliant
- Near universal chemical resistance
- Good High Temperature Resistance
- Low Compression Set
- Cost Effective

Recommended Applications

- Medical Grade & Food Grade
- Chemical Processing
- Solvents, MEK, DMF, Acetone
- Esters, Ethers, Ketones, Aldehydes, Xylene

Service Temperature

- -7°C to 230°C (20°F to 450°F)



Test Data

Table 1. Physical Properties

Color	Black
Hardness, Shore A	75
Tensile Strength, psi (MPa)	3190 (22)
Elongation	170%
100% Modulus, psi (MPa)	1160 (8)

Table 2. Compression Set

70hrs at 200°C	32%
168hrs at 200°C	36%

Table 3. H₂SO₄ 20% – 70 hrs at 95°C

Volume Change	+1.4%
---------------	-------

Table 4. HNO₃ 20% – 70 hrs at 95°C

Volume Change	+25%
---------------	------

Table 5. Hexamethylenediamine – 70 hrs at 140°C

Volume Change	+7%
---------------	-----

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