



## Overview

Canrez® CP90BK03 is Canyon's AED FFKM offering near universal chemical resistance and thermal resistance at a low cost. Compare it to Kalrez 3018.

CP90BK03 is AED tested to NORSOK M-710 and is an excellent choice for demanding Oil and Gas applications.

If higher temperature AED performance is necessary, see our Canrez® CP90BK01 rated for 310°C (590°F).

## Features & Benefits

- Tested to NORSOK M-710
- Near universal chemical resistance
- High Temperature Resistance
- Low Compression Set
- Cost Effective

## Recommended Applications

- Oil & Gas
- Chemical Processing
- Aerospace

## Service Temperature

- -10°C to 240°C (14°F to 464°F)
- Excursions down to -15°C (5°F)
- Excursions up to 270°C (518°F)



## Test Data

Table 1. Physical Properties

Color	Black
Hardness, Shore A	90
Tensile Strength, psi (MPa)	3250 (22.4)
Elongation	157%
Specific Gravity, g/cm <sup>3</sup>	1.97

Table 2. Compression Set

24hrs at 175°C	33%
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Table 3. Heat Aging – 70 hrs at 200°C

Hardness, Shore A	+1
Tensile Strength Change, %	+2
Ultimate Elongation Change, %	+11

## Anti-Explosive Decompression

Table 4. NORSOK M-710

Test Gas	90/10 mol % CH <sub>4</sub> /CO <sub>2</sub>
Test Temperature, °C	100
Test Pressure, bar	150
Test Decompression Rate, bar/min	19.4
NORSOK Test Rating	0000
Results	PASS

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

