



Overview

CanRez® CP75WH12 is a white, carbon-black-free, general purpose FFKM offering excellent chemical resistance and thermal resistance up to 230°C. Excursions can go up to 250°C.

CP75WH12 is frequently used in Semiconductor manufacturing. It is also well-suited for the Chemical Processing Industry and many others where carbon black materials cannot be used.

Features & Benefits

- High purity, carbon-black-free
- Plasma resistant
- Near universal chemical resistance
- Good thermal resistance
- Good compression set resistance

Recommended Applications

- Semiconductor
- Chemical Processing
- Automotive
- Ink & Paint

Service Temperature

- -10°C to 230°C (14°F to 446F)



Test Data

Table 1. Physical Properties

Color	White
Hardness, Shore A	76
Tensile Strength, psi (MPa)	2,280 (15.7)
Elongation	166%
100% Modulus, psi (MPa)	1520 (10.5)
Specific Gravity, g/cm ³	2.20

Table 2. Compression Set

70hrs at 200°C	28%
70hrs at 230°C	49%
70hrs at 250°C	72%

Table 3. Chemical Resistance Summary

Sulfuric acid (97%) @ 60°C	A
Nitric acid (70%) @ 60°C	A
Formic Acid (80%) @ 23°C	A
Acetone @ 23°C	A
MEK @ 23°C	A
Toluene @ 70°C	A
Ethylene Diamine @ 23°C	A
Isopropanol @ 70°C	A

Volume Swell Key: A: 0-10%, B: 10-20%, C: >20%