



Overview

Canrez® CP90WH20 is Canyon's specialty white FFKM designed specifically for semiconductor manufacturing environments.

CP90WH20 is a high purity material that has been designed for use in dry processing applications, static and dynamic plasma and diffusion processes, and static photolithography.

Features & Benefits

- High Purity
- Near universal chemical resistance
- High Durometer
- Resistance to Explosive Decompression

Recommended Applications

- Semiconductor Dry & Wet
 - Ashing, etching, polishing, PVD, deposition, PECVD, LPCVD, SACVD, CVD, RPCVD, HDPCVD, APCVD, RTP, wafer cleaning, lamp anneal, metal & SiO₂ etching, CMP, Oxidation, litho, EPI +SiGe

Service Temperature

- -30°C to 240°C (-22°F to 464°F)

SEMICON

High Hardness

CanRez



Test Data

Table 1. Physical Properties

Color	White
Hardness, Shore A	90
Tensile Strength, psi (MPa)	2030 (14)
Elongation	115%
Modulus @ 50%, psi (MPa)	1015 (7)
Modulus @ 100%, psi (MPa)	1784 (12.3)

Table 2. Compression Set

70hrs at 204°C	35%
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CP90WH20 is now available on the Canyon Components [online store](#).

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

