

VALQUA Semiconductor Industry Products

FLUORITZ™-HS

High Performance FFKM

❖ Product & Benefits

FLUORITZ™-HS is Valqua's highest temperature grade FFKM material. Excellent compression set performance at temperatures up to 300°C has been proven.



❖ Featured Benefits

- Valqua Material with the Highest Temperature Resistance (300°C)
- For High Temperature Static Locations Requiring High Purity

❖ Applications

- Plasma Etching Equipment
- Plasma CVD and LPCVD Equipment
- High Temperature Diffusion and Annealing Equipment

❖ Contact Us

Valqua America, Inc.
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Santa Clara, CA 95054
www.valqua-america.com

❖ Typical Properties

Color	Black
Hardness (Shore A)	77
Tensile Strength (MPa)	20.0
Elongation (%)	160
Modulus 100% Elongation (MPa)	9.3
Maximum Temperature (°C)	300
Compression Set (%)	10

*Compression Set: 25% compression at 200°C for 72 hours
Values above are actual measurements, not standards*



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Additional information

FLUORITZ™-HS

❖ Performance Properties

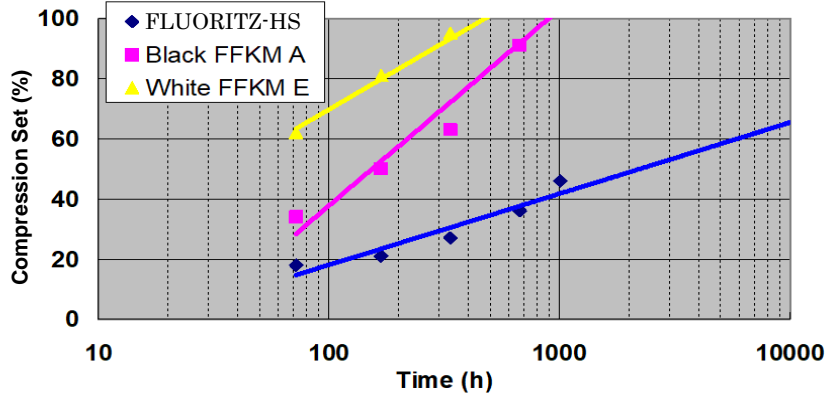
Compression Set

Test Conditions

Temperature: 300°C

Compression ratio: 19%

Sample: $\varnothing 3.53 \times 40$ mm



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