

VALQUA Semiconductor Industry Products

FLUORITZ™-T20

High Performance FFKM

❖ Product & Benefits

FLUORITZ™-T20 is Valqua's choice for dynamic applications requiring FFKM performance. Also available in bonded form, FLUORITZ™-T20's superior radical resistance makes it appropriate for harsh plasma environments.

❖ Featured Benefits

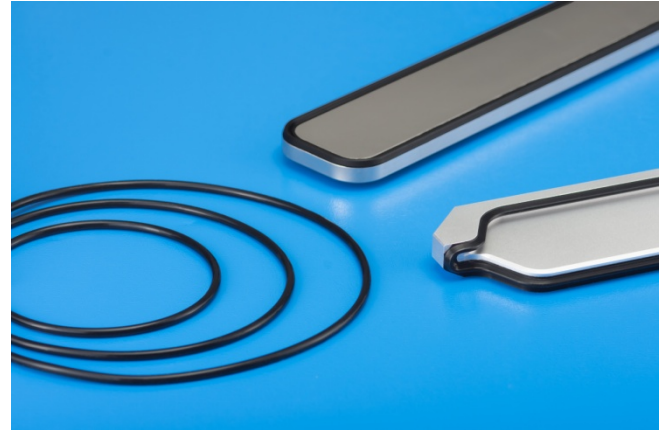
- Valqua's High Hardness FFKM for Dynamic Applications Requiring Very High Purity and Radical Resistance
- Available in Bonded Form for Gate Seals

❖ Applications

- Plasma Enhanced CVD Equipment
- Low Pressure CVD Equipment
- Plasma Etch Equipment

❖ Contact Us

Valqua America, Inc.
4655 Old Ironsides Dr #380
Santa Clara, CA 95054
www.valqua-america.com



❖ Typical Properties

Color	Black
Hardness (Shore A)	80
Tensile Strength (MPa)	11.3
Elongation (%)	170
Modulus 100% Elongation (MPa)	5.5
Maximum Temperature (°C)	260
Compression Set (%)	26

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

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Valqua America, Inc.
Tel : +1-408-986-1425
Email : info@valqua-america.com

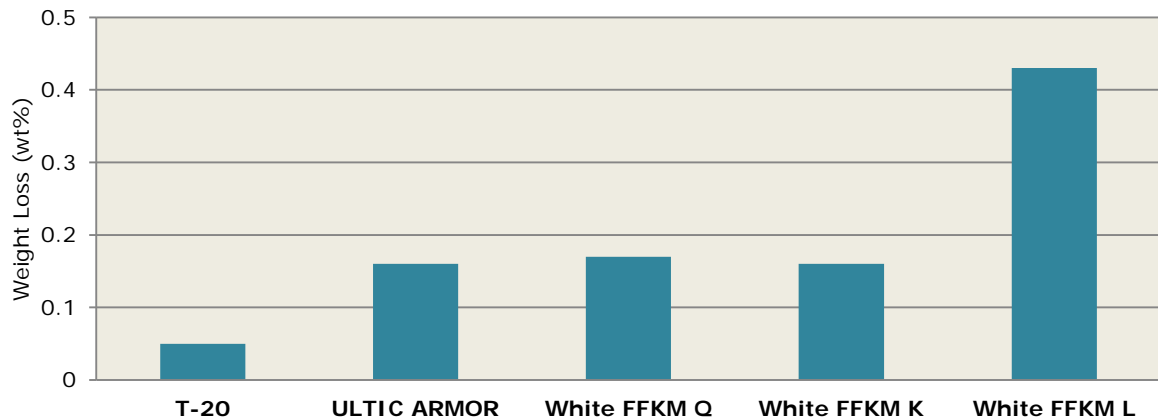
Additional information

FLUORITZ™-T20

❖ Performance Properties

Radical Exposure Test (Weight Loss)

<u>Test Conditions</u>		
Microwave Power: 900 W	Pressure: 800 mmTorr	
Temperature: 140 °C	Test Piece Size: Quarter Cut	Test Time: 60 min.
Gas Control: NF3 (580 sccm), Ar (400 sccm)		



Inorganic Components Content

<u>Test Conditions</u>
Measuring method: ICP/MS analysis
Inorganic elements: Total of 62 elements

