

# VALQUA Semiconductor Industry Products

## ULTIC ARMOR™-F

High Performance FKM

### ❖ Product & Benefits

**ULTIC ARMOR™-F** is a high performance FKM material recommended for dynamic locations. Its radical resistance properties make the ULTIC ARMOR™-F suited for CVD, Etch and Ashing applications.

### ❖ Featured Benefits

- Enhanced Radical Resistance (Weight Loss Ratio and Crack Resistance)
- Anti-Cracking Properties and Low Adhesion to Metal for Dynamic Locations
- Low Metallic Impurities

### ❖ Applications

- Dry Etch Equipment
- CVD Equipment
- Plasma Ashing Equipment

### ❖ Contact Us

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### ❖ Typical Properties

Color	Midnight Blue
Hardness (Shore A)	67
Tensile Strength (MPa)	12.4
Elongation (%)	140
Modulus 100% Elongation (MPa)	5.4
Maximum Temperature (°C)	200
Compression Set (%)	28

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

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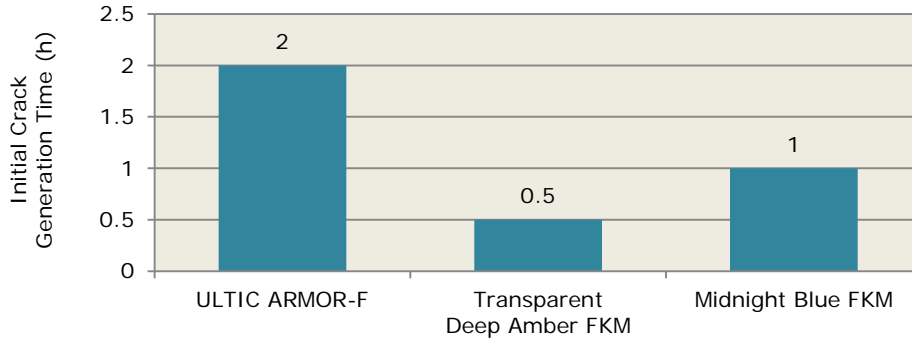
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# Additional information

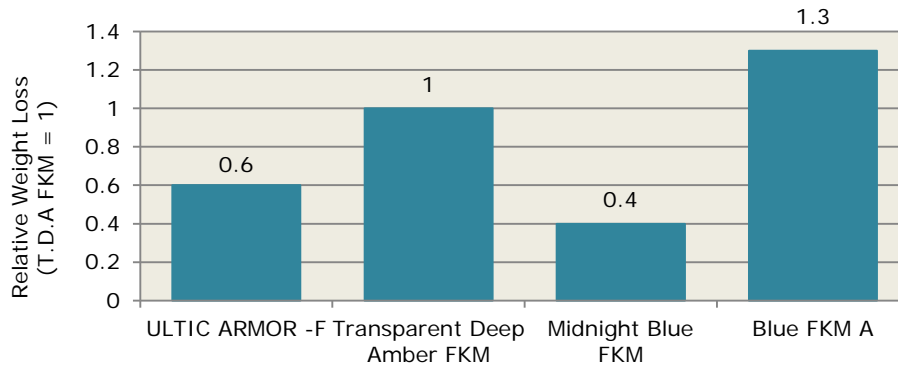
# ULTIC ARMOR™-F

## ❖ Performance Properties

### Radical Exposure Test Anti-Cracking Property



### Radical Exposure Test Weight Loss



### Sticking Strength

