

ULTIC ARMOR™



TYPICAL PROPERTIES

Hardness (Shore A)	Tensile Strength (MPa)	Elongation (%)	Modulus 100% Elongation (MPa)	Max. Service Temperature	Compression Set (%)
70	13.9	220	2.9	200°C	25

Compression Set: 25% compression, 200°C x 72 hours
Above values are actual measurements, not standards.

Features

- Heat & Plasma Resistance
- Low Adhesion to Quartz & Metal
- Low Metallic Impurities
- Low Compression Set

Applications

- All CVD Applications
- Dry Etch Equipment
- Plasma Ashing Equipment

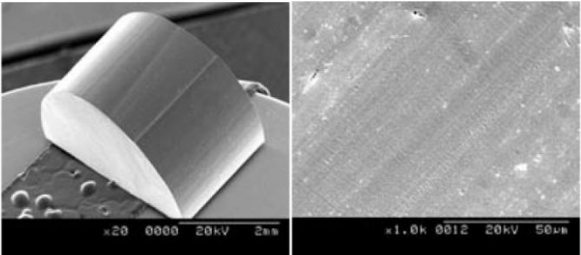


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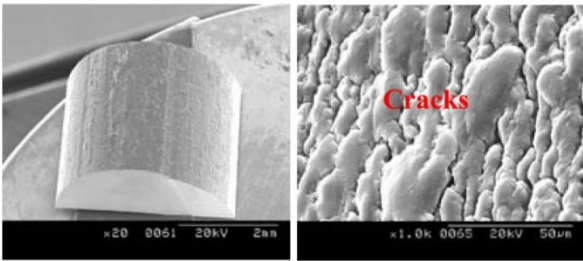
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Actual Customer Comparison

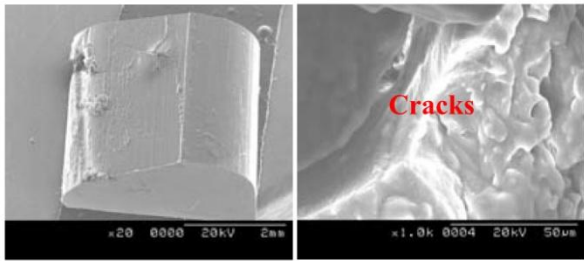
Equipment: CVD
Location: Exhaust valve (AS568A-274)
Gas: SiH₄+O₂+He+Ar/NF₃+Ar
Plasma power: RF3200W/Microwave 3200W
Temperature: 120 C
Wafer Count: ULTIC ARMOR 4,794
 Black FFKM A 3,200
 White FFKM K 4,000



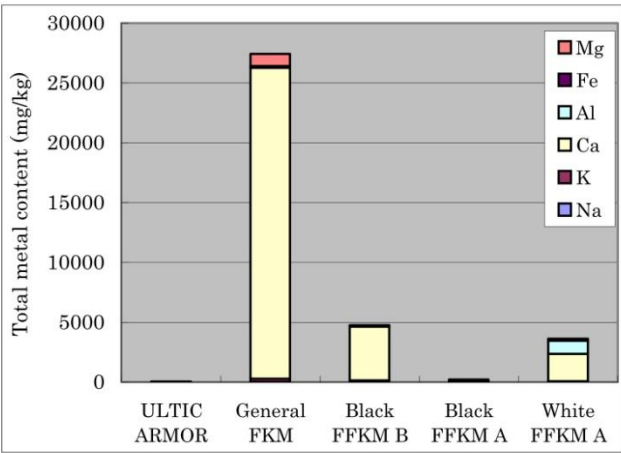
ULTIC ARMOR



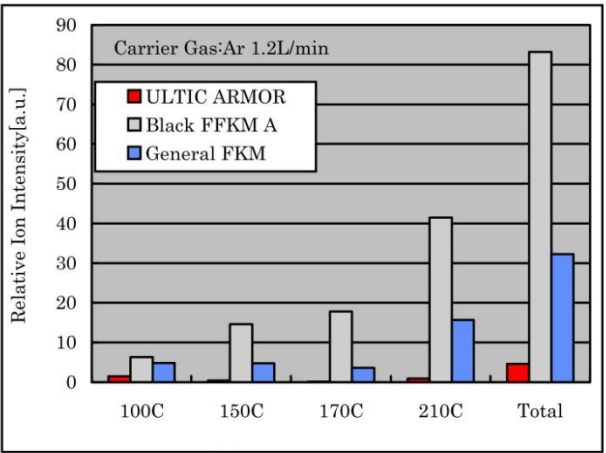
Black FFKM A



White FFKM K



Metal Component Contents



Total Outgassing

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