

# DS403



## TYPICAL PROPERTIES

Hardness (Shore A)	Tensile strength (MPa)	Elongation (%)	Modulus 100% elongation (MPa)	Service temperature range	Compression Set (%)
69	13.7	160	5.3	~200°C	38%

Compression Set: After squeezing 25% at 200°C x 72 hours

Above values are actual measurements, not standards.

### Features

- Plasma Resistance
- Low Adhesion to Metal
- Low Metallic Impurities
- Anti cracking

### Applications

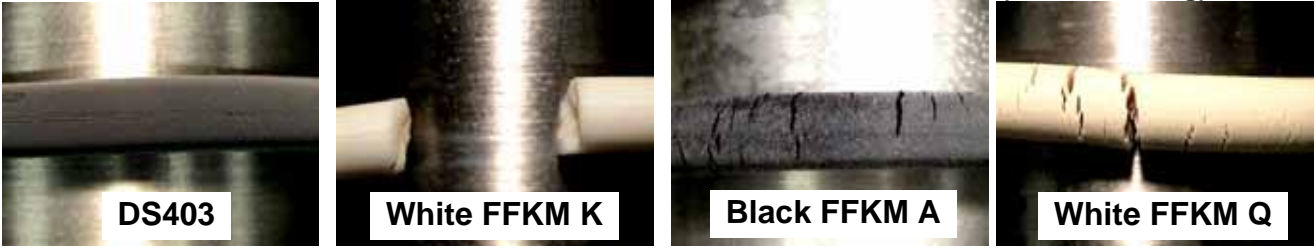
- Dry Etch Equipment
- Plasma Enhanced CVD Equipment
- Plasma Ashing Equipment
- Seals for Plasma Equipment



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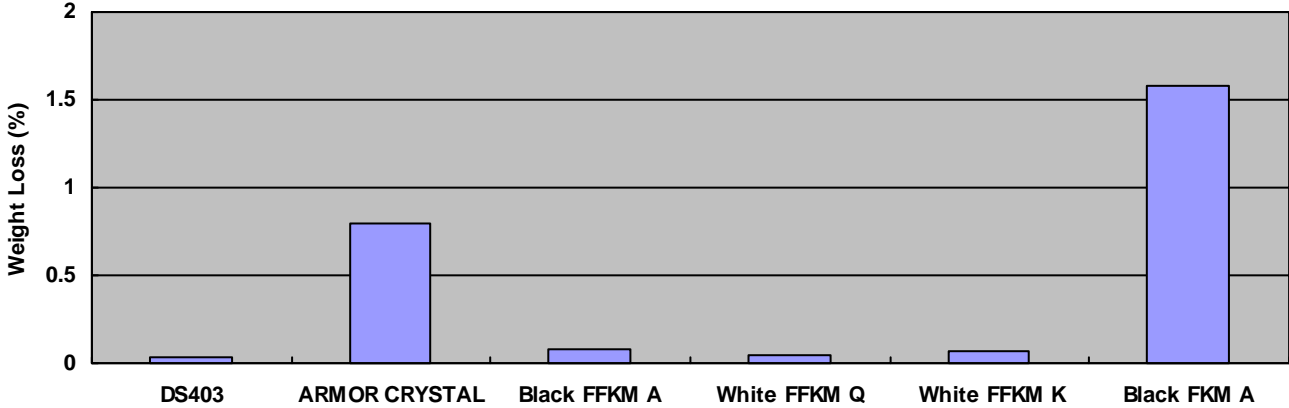
**Radical exposure test 1**

[Test conditions] Equipment: Parallel flat plasma tool Plasma power: RF500W  
 Gas: O2+CF4 Irradiation time: 1.5 hours direct attack (10% stretching)



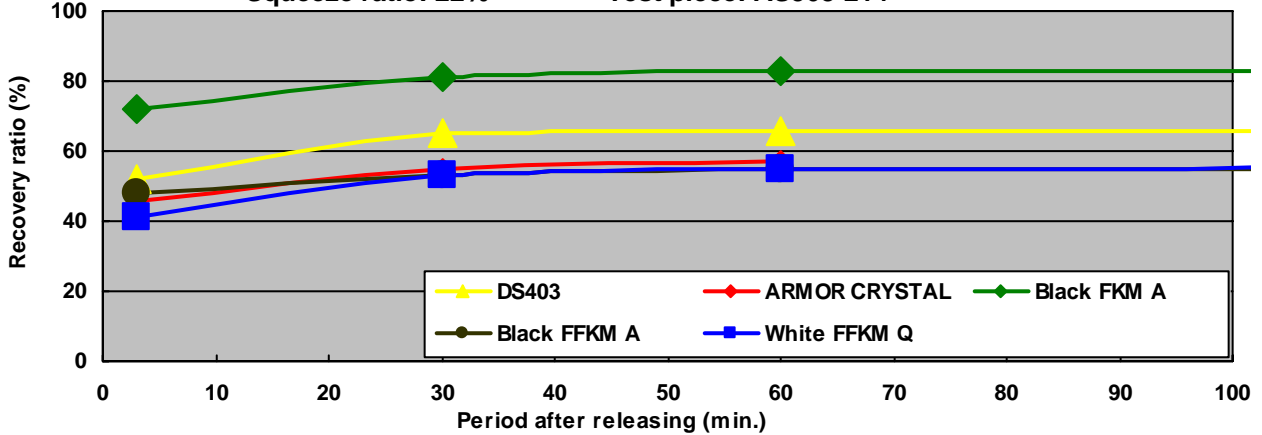
**Radical exposure test 2**

[Test conditions] Equipment: Parallel flat plasma tool Plasma power: RF500W  
 Gas: O2+CF4 Irradiation time: 3 hours down flow attack



**Recovery property**

[Test conditions] Temperature: 90°C (24hours) → 25°C (24hours: under the compression)  
 Squeeze ratio: 22% Test piece: AS568-214



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