

Material Profile: Superior® F2815 FKM

Superior® F2815 was specifically developed as a cost-effective, high-performance compound for semiconductor application. Superior® F2815 is an ultra-clean unfilled FKM, which offers outstanding plasma resistance and low particulation in a wide range of plasma environments.

Features and Benefits

- Outstanding Plasma Resistance
- Minimal Particulation
- Wide chemical compatibility
- High Physical Properties
- Cost-effective

Recommended Applications

- Deposition: CVD, APCVD, HDPCVD, PECVD, RPCVD, SACVD
- Plasma Etch: Poly, Oxide and Metal
- Ashing
- Metallization: PVD, Sputtering and Evaporation
- Ion Implant
- RTP



Specialty Fluoroelastomer with No Carbon Fillers
Service Temperature Range: -30 to 220° C

Typical Physical Properties

Color	Black
Shore A Durometer	79
Tensile Strength, psi (MPa)	2436 (16.8)
Elongation	370%
Compression Set: 70 hrs at 175°C	25%
Service Temperature Range, °C (°F)	-30 to 220 (-22 to 428)

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.

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