

## Material Profile: Superior<sup>®</sup> 485 FFKM

Superior<sup>®</sup> 485 was developed as a general use perfluoroelastomer compound. Superior<sup>®</sup> 485 offers excellent chemical compatibility in a wide range of industrial applications.

### Features and Benefits

- Wide chemical compatibility
- Meets ASTM D200

### Recommended Applications

- Acids
- Bases
- Alcohols
- Aldehydes
- Amines
- Triethylamine
- Sodium Hydroxide
- Steam/Hot Water
- Ethers
- Esters
- Ketones
- MEK
- Nitric Acid
- Oxidizers
- Chemical & Hydrocarbon Processing
- Aromatic/Aliphatic Oils



Black Perfluoroelastomer  
Service Temperature Range: -9 to 230° C

### Typical Physical Properties

Color	Black
Shore A Durometer	76
Tensile Strength, psi (MPa)	2680 (18.5)
Elongation	195%
Compression Set: 70 hrs at 200°C	23%
Service Temperature Range, °C (°F)	-9 to 230 (19 to 450)



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.

EKKSC\_Material Profile\_Superior\_485 FFKM\_20230307 REV01