

Chemraz 551

Perfluoroelastomer
Greene, Tweed & Co.

Message:

Chemraz 551 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz 551 include engineering/industrial parts and sealing applications.

Characteristics include:

Chemical Resistant

Heat Resistant

| General Information | | | |
|---|---------------------------------|-------------------|-------------|
| Features | Good Chemical Resistance | | |
| | High Heat Resistance | | |
| Uses | Gaskets | | |
| | Seals | | |
| | Semiconductor Molding Compounds | | |
| Appearance | Black | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 2.00 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 80 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress | | | ASTM D1414 |
| 50% Strain | 3.10 | MPa | |
| 100% Strain | 10.2 | MPa | |
| Tensile Strength (Break) | 23.6 | MPa | ASTM D1414 |
| Tensile Elongation (Break) | 180 | % | ASTM D1414 |
| Compression Set ¹ (204°C, 70 hr) | 20 | % | ASTM D395 |
| Thermal | Nominal Value | Unit | |
| Service Temperature | -12 to 316 | °C | |
| NOTE | | | |
| 1. | 25% Deflection | | |

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

