

Chemraz 644

Perfluoroelastomer

Greene, Tweed & Co.

Message:

Chemraz 644 is a Perfluoroelastomer product. It is available in North America. Applications of Chemraz 644 include engineering/industrial parts and sealing applications.

Characteristics include:

Heat Resistant

High Purity

| General Information | | |
|---|----------------------|-------------------|
| Features | High Heat Resistance | |
| | High Purity | |
| Uses | Seals | |
| | Valves/Valve Parts | |
| Appearance | Dark Green | |
| Forms | Pellets | |
| Physical | Nominal Value | Unit |
| Specific Gravity | 2.02 | g/cm ³ |
| Hardness | Nominal Value | Unit |
| Durometer Hardness (Shore A) | 75 | |
| Elastomers | Nominal Value | Unit |
| Tensile Stress | | |
| 50% Strain | 2.25 | MPa |
| 100% Strain | 4.36 | MPa |
| Tensile Strength (Break) | 12.4 | MPa |
| Tensile Elongation (Break) | 210 | % |
| Compression Set ¹ (204°C, 70 hr) | 25 | % |
| Thermal | Nominal Value | Unit |
| Service Temperature | -20 to 316 | °C |
| NOTE | | |
| 1. | 25% Deflection | |

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