

GUR® 4170

(PE-UHMW)

Celanese

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| ^[C] Shore D hardness | 60 | - | ISO 7619-1 |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|---|--------------|-------------|----------------------|
| ISO Data | | | |
| ^[C] Temp. of deflection under load, 1.80 MPa | 38 | °C | ISO 75-1/-2 |
| ^[C] Vicat softening temperature, B | 80 | °C | ISO 306 |

[C]: CAMPUS

| Electrical properties | Value | Unit | Test Standard |
|------------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| ^[C] Volume resistivity | 1E12 | Ohm*m | IEC 62631-3-1 |
| ^[C] Surface resistivity | 1E12 | Ohm | IEC 62631-3-2 |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| ^[C] Density | 920 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics**Processing**

Other Extrusion, Transfer Molding

Delivery form

Powder

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa