

GUR® 4116

(PE-UHMW)

Celanese

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| ^[C] Shore D hardness | 62 | - | ISO 7619-1 |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|---|--------------|-------------|----------------------|
| ISO Data | | | |
| ^[C] Temp. of deflection under load, 1.80 MPa | 42 | °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 | 940 | kg/m ³ | ISO 1183 |

[C]: CAMPUS