

PIBITER N200AE

PBT

Celanese

Product Texts

PIBITER N200 AE is an unfilled flame retardant PBT with high flowability

Flammability @0.8mm nom. V-0
thickn.

UL recognition (0.8)

| Mechanical properties | Value | Unit | Test Standard |
|--|-------------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 3000 | MPa | ISO 527 |
| ^[C] Yield stress | 50 | MPa | ISO 527 |
| ^[C] Yield strain | 2.5 | % | ISO 527 |
| ^[C] Charpy notched impact strength, +23°C | 2 | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|--|------------|------|----------------|
| ISO Data | | | |
| ^[C] Melting temperature, 10°C/min | 220 | °C | ISO 11357-1/-3 |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|------------------------|-------------|-------------------|---------------|
| ^[C] Density | 1440 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Pellets

Regional Availability

Europe