

## PIBITER N100 - PBT

### Description

Unreinforced PBT, medium viscosity  
PBT unreinforced, medium flowability

| Physical properties | Value | Unit               | Test Standard |
|---------------------|-------|--------------------|---------------|
| Density             | 81.8  | lb/ft <sup>3</sup> | ISO 1183      |
| Melt flow rate, MFR | 25    | g/10min            | ISO 1133      |
| MFR temperature     | 482   | °F                 | ISO 1133      |
| MFR load            | 4.76  | lb                 | ISO 1133      |

| Mechanical properties             | Value  | Unit | Test Standard |
|-----------------------------------|--------|------|---------------|
| Tensile modulus                   | 362595 | psi  | ISO 527-1, -2 |
| Tensile stress at yield, 50mm/min | 7250   | psi  | ISO 527-1, -2 |
| Tensile strain at yield, 50mm/min | 5      | %    | ISO 527-1, -2 |
| Tensile strain at break, 50mm/min | >50    | %    | ISO 527-1, -2 |

| Thermal properties               | Value | Unit  | Test Standard |
|----------------------------------|-------|-------|---------------|
| DTUL at 0.45 MPa                 | 280   | °F    | ISO 75-1, -2  |
| Flammability @0.8mm nom. thickn. | HB    | class | UL 94         |

### Characteristics

**Special Characteristics** Auto spec approved

**Product Categories** Unfilled

### Other Approvals

| OEM | Specification | Additional Information |
|-----|---------------|------------------------|
| BMW | GS 93016      | 2011-01                |