

PULSE™ 2300 PT

(PC+ABS)

Trinseo

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 1 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 3.8 | kg | - |
| Mold Shrinkage, MD | 0.006 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|--------------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 51.7 | MPa | ASTM D 638 |
| Tensile Strength at Break | 48.3 | MPa | ASTM D 638 |
| Elongation at Break | 80 | % | ASTM D 638 |
| Flexural Modulus | 2241 | MPa | ASTM D 790 |
| Flexural Strength | 82.7 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 641 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 480 | J/m | ASTM D 256 |
| Temperature | -28.9 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|--------------------------------------|------------|-------|---------------|
| ASTM Data | | | |
| Coefficient of Thermal Expansion, MD | 72 | E-6/K | ASTM D 696 |
| DTUL @ 66 psi | 124 | °C | ASTM D 648 |
| DTUL @ 264 psi | 107 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|------------------------|-------------|-------------------|---------------|
| Water Absorption, 24hr | 0.15 | % | ASTM D 570 |
| Density | 1140 | kg/m ³ | ASTM D 792 |

Characteristics**Regional Availability**

North America