PULSE™ 6000 BG

(PC+ABS) Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**6**	g/10min	ISO 1133
Temperature	**260**	°C	-
Load	**5**	kg	-
ASTM Data			
Melt Flow Index, MFI	**6**	g/10min	ASTM D 1238
Temperature	**260**	°C	-
Load	**5**	kg	-
Mold Shrinkage, MD	**0.0055**	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**2280**	MPa	ISO 527
Yield stress	**54**	MPa	ISO 527
Yield strain	**5**	%	ISO 527
Stress at break	**53**	MPa	ISO 527
Strain at break	**>50**	%	ISO 527
Flexural modulus, 23°C	**2400**	MPa	ISO 178
Charpy notched impact strength, +23°C	**61**	kJ/m²	ISO 179/1eA
Izod notched impact strength, +23°C	**69**	kJ/m²	ISO 180/1A
Izod notched impact strength	**61**	kJ/m²	ISO 180/1A
Temperature	**-40**	°C	-
ASTM Data			
Tensile Modulus	**2158**	MPa	ASTM D 638
Tensile Strength at Yield	**51**	MPa	ASTM D 638
Tensile Strength at Break	**54.5**	MPa	ASTM D 638
Elongation at Yield	**5**	%	ASTM D 638
Elongation at Break	**80**	%	ASTM D 638
Izod Impact notched, 1/8 in	**747**	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	**641**	J/m	ASTM D 256
Temperature	**-40**	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**110**	°C	ISO 75-1/-2
Vicat softening temperature, A	**144**	°C	ISO 306
Vicat softening temperature, B	**130**	°C	ISO 306
ASTM Data			
Coefficient of Thermal Expansion, MD	**73.8**	E-6/K	ASTM D 696
DTUL @ 264 psi	**111**	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	**1130**	kg/m³	ISO 1183
Water Absorption, 24hr	**0.53**	%	ASTM D 570
Density	**1130**	kg/m³	ASTM D 792

Characteristics

Processing

Blow Molding

Applications

Automotive

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

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

Features
Melt Strength