

**PULSE™ B-270**

(PC+ABS)

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	59.9	MPa	ASTM D 638
Tensile Strength at Break	51.4	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	3309	MPa	ASTM D 790
Flexural Strength	100	MPa	ASTM D 790
Izod Impact notched, 1/8 in	374	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	107	J/m	ASTM D 256
Temperature	-28.9	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, TD	63	E-6/K	ASTM D 696
DTUL @ 66 psi	134	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.05	%	ASTM D 570
Water Absorption, Equilibrium	0.18	%	ASTM D 570
Density	1210	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	98.9	°C	-
Pre-drying - Time	4	h	-
Melt temperature	277 - 293	°C	-
Mold temperature	71.1 - 93.3	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, South and Central America