

PULSE™ EXT 100

(PC+ABS)

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Density of melt	1020	kg/m ³	-
Thermal conductivity of melt	0.26	W/(m K)	-
Spec. heat capacity of melt	1980	J/(kg K)	-
Ejection temperature	138	°C	-
ASTM Data			
Melt Flow Index, MFI	1.3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	51.7	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			
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			
Density	1140	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

Automotive

Special Characteristics

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

Regional Availability

North America, South and Central America