

PULSE™ 2300 PT

PC/ABS Engineering Resin

Trinseo

Message:

PULSE™ 2300 PT is a PC/ABS Engineering Resin product. It is available in North America.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	1.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	51.7	MPa	
Break	48.3	MPa	
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	2240	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-29°C	480	J/m	
23°C	640	J/m	
Instrumented Dart Impact			ASTM D3763
-29°C, Total Energy	59.9	J	
23°C, Total Energy	54.2	J	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	124	°C	
1.8 MPa, Unannealed	107	°C	
CLTE - Flow (-29 to 100°C)	7.2E-5	cm/cm/°C	ASTM D696

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