

PULSE™ EXT 200

PC/ABS Engineering Resin

Trinseo

Message:

High Heat, High Impact PC/ABS resin for injection molded automotive plating and painting trim applications.

General Information			
Features	High Impact Resistance		
Uses	Automotive Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	2.5	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	47.6	MPa	ASTM D638
Tensile Elongation ² (Break)	180	%	ASTM D638
Flexural Modulus	2180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-29°C	49	kJ/m ²	
23°C	44	kJ/m ²	
Notched Izod Impact			ASTM D256
-34°C	510	J/m	
23°C	600	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	116	°C	
1.8 MPa, Unannealed	93.3	°C	
Vicat Softening Temperature	111	°C	ASTM D1525 ³
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	Rate A (50°C/h), Loading 2 (50 N)		

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