

Technical Information



PULSE™ 230

PC/ABS Engineering Resin

Overview

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PULSE™ 230 is a high-heat PC/ABS resin delivering optimized performance for automotive interior component applications in the Asia Region

Benefits

- Easy flow, reduced scrap, and shorter cycle times, while enabling thin wall part design for mass reduction.
- High low-temperature impact
- High Heat resistance for demanding automotive interior components
- High quality appearance solution: consistent natural white color with color concentrates or Trinseo Color Masterbatch Technology
- Low odor & VOC to meet all global Automotive OEM specification

Applications:

- Mid (floor)consoles
- Instrument Panel components
- Door panel trim
- Pillars
- Storage / load floors / glove box

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.13 g/cm ³	1.13 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	18 g/10 min	18 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	334000 psi	2300 MPa	ISO 527-1/1
Tensile Stress (Yield)	7830 psi	54.0 MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	4.0 %	4.0 %	
Break	100 %	100 %	
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-22°F (-30°C)	19 ft-lb/in ²	40 kJ/m ²	
73°F (23°C)	24 ft-lb/in ²	50 kJ/m ²	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ISO 75-2/A
264 psi (1.8 MPa), Unannealed	226 °F	108 °C	
Vicat Softening Temperature	266 °F	130 °C	ISO 306/B50
Injection	Nominal Value (English)	Nominal Value (SI)	
Drying Temperature	212 °F	100 °C	
Drying Time	4.0 hr	4.0 hr	
Processing (Melt) Temp	491 to 554 °F	255 to 290 °C	
Mold Temperature	140 to 176 °F	60 to 80 °C	

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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