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/cm³	1.13	g/cm³	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/in²	40	kJ/m²	
73°F (23°C)	24	ft·lb/in²	50	kJ/m²	
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