

Sindustris PC EU5008

Polycarbonate
Sincerity Australia Pty Ltd.

Message:
The grade for specific user,Limited purpose

General Information			
UL File Number	E306922		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm)	53.9	MPa	ASTM D638
Tensile Elongation ² (Break, 3.20 mm)	> 70	%	ASTM D638
Flexural Modulus ³ (3.20 mm)	2260	MPa	ASTM D790
Flexural Strength ⁴ (3.20 mm)	80.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	410	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	106	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 90.0	°C	
Drying Time	3.0 to 5.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	240 to 250	°C	
Middle Temperature	240 to 265	°C	
Front Temperature	240 to 265	°C	
Nozzle Temperature	240 to 265	°C	
Processing (Melt) Temp	250 to 260	°C	
Mold Temperature	50.0 to 70.0	°C	
Screw Speed	40 to 70	rpm	
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	10 mm/min		
4.	10 mm/min		

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