

Sindustris PC GP5009A

Polycarbonate
Sincerity Australia Pty Ltd.

Message:

Sindustris PC GP5009A is a Polycarbonate (PC) material. It is available in Asia Pacific for injection molding. Primary attribute of Sindustris PC GP5009A: High Flow.

General Information			
Features	General Purpose		
	High Flow		
UL File Number	E306922		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	2.0	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)	39.2	MPa	ASTM D638
Flexural Modulus ² (3.20 mm)	1670	MPa	ASTM D790
Flexural Strength ³ (3.20 mm)	59.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	450	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	91.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	230 to 250	°C	
Middle Temperature	235 to 255	°C	
Front Temperature	235 to 255	°C	
Nozzle Temperature	235 to 255	°C	
Processing (Melt) Temp	235 to 250	°C	
Mold Temperature	50.0 to 70.0	°C	
Screw Speed	40 to 70	rpm	
NOTE			
1.	50 mm/min		
2.	10 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

