

Sindustris PBT TE5001D

Polycarbonate + PBT
Sincerity Australia Pty Ltd.

Message:

Sindustris PBT TE5001D is a Polycarbonate + PBT (PC+PBT) material. It is available in Asia Pacific for injection molding. Primary attribute of Sindustris PBT TE5001D: Good Aesthetics.
Typical applications include:
Automotive
Handles

General Information			
Features	Good Surface Finish		
Uses	Automotive Applications		
	Flexible Grips		
UL File Number	E306922		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break, 3.20 mm)	56.9	MPa	ASTM D638
Tensile Elongation ² (Break, 3.20 mm)	> 50	%	ASTM D638
Flexural Modulus ³ (6.40 mm)	2260	MPa	ASTM D790
Flexural Strength ⁴ (6.40 mm)	98.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	130	°C	ASTM D648
Peak Melting Temperature	225	°C	ASTM D3418
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	4.0 to 5.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	250 to 260	°C	
Middle Temperature	250 to 260	°C	
Front Temperature	255 to 260	°C	
Nozzle Temperature	260 to 270	°C	
Processing (Melt) Temp	260 to 270	°C	
Mold Temperature	60.0 to 80.0	°C	
NOTE			

1.	50 mm/min
2.	50 mm/min
3.	5.0 mm/min
4.	5.0 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

