

Sindustris PP SH5301

Polypropylene
Sincerity Australia Pty Ltd.

Message:
Sindustris PP SH5301 is a Polypropylene material. It is available in Asia Pacific for injection molding.
Typical application of Sindustris PP SH5301: Engineering/Industrial Parts

General Information			
Uses	General Purpose		
	Transparent or Translucent Parts		
UL File Number	E306922		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	34.3	MPa	ASTM D638
Tensile Elongation ² (Break)	> 500	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	104	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525 ³
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	Loading 1 (10 N)		

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Recommended distributors for this material

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