

Technical Datasheet

Trade Name	PRET	Material Type	PP/PE-TD5	Grade Name	C3322T-FNS-LD
Feature		<ul style="list-style-type: none"> Low density High fluidity Impact resistance 			
Material Standard		<ul style="list-style-type: none"> TL52388-H 			
Availability		<ul style="list-style-type: none"> Asian-Pacific, America 			
Processing method		<ul style="list-style-type: none"> Injection Molding 			
Appearance		<ul style="list-style-type: none"> Color is Optional 			
Applications		<ul style="list-style-type: none"> Automotive interior/exterior parts, air conditioning system components 			

General Properties

No.	Properties	Unit	Typical Value	Method	Test condition
1	Melt Flow Rate	g/10 min	20	DIN EN ISO 1133-1	230 °C, 2.16 Kg
2	Density	g/cm ³	0.94	DIN EN ISO 1183-1	23 °C
3	Tensile Strength at Yield	MPa	20	DIN EN ISO 527-2	50 mm/mm
4	Elongation at Yield	%	4.8	DIN EN ISO 527-2	50 mm/mm
5	Flexural Modulus	MPa	1200	DIN EN ISO 178	2 mm/mm, 40mm
6	Charpy Impact notched	KJ/m ²	35	DIN EN ISO 179-1/1eA	23 °C
7	Filler Content	%	6	DIN EN ISO 1172	

Processing Conditions

Drying condition	80-100 °C, 2 h
Injection Temp.	210 - 230 °C (F), 200 - 220 °C (M), 180 - 200 °C (B)
Mold Temp.	20 - 60 °C
Screw Speed	40 - 80 rpm
Injection Pressure	50 - 80 MPa
Back Pressure	0.3 – 1.0 Mpa

Notes. These technical data in the product brochures are typical test results for reference, and could not be defined as minimum value.