

## Technical Datasheet

Trademark	Expond	Material Type	PP	Grade Name	C3322T-2HI
Features		<ul style="list-style-type: none"> <li>High Rigidity</li> <li>High Toughness</li> <li>Good Melt Flow</li> </ul>			
Material Standard		<ul style="list-style-type: none"> <li></li> </ul>			
Availability		<ul style="list-style-type: none"> <li>Asian-Pacific, America</li> </ul>			
Processing method		<ul style="list-style-type: none"> <li>Injection Molding</li> </ul>			
Appearance		<ul style="list-style-type: none"> <li>Color is Optional</li> </ul>			
Applications		<ul style="list-style-type: none"> <li>Automotive Interior and Exterior Parts</li> </ul>			

### General Properties

No.	Properties	Method	Unit	Value	Test condition
1	Filler Content	ISO 3451-1, -4	%	19	650 °C
2	Density	ISO 1183-1	g/cm <sup>3</sup>	1.05	23 °C
3	Melt Flow Rate	ISO 1133-1	g/10 min	19	230 °C, 2.16 Kg
4	Tensile Strength at Max Load	ISO 527-2	MPa	20	50 mm/min
5	Flexural Strength	ISO 178	MPa	30	2 mm/min
6	Flexural Modulus	ISO 178	MPa	2000	2 mm/min
7	Notched Charpy Impact Strength	ISO 179-1	kJ/m <sup>2</sup>	27	23 °C

### Processing Conditions

Drying condition	80 - 100 °C, 2 h	Moisture <0.1
Molding Temp.	210 - 230 °C (F), 200 - 220 °C (M), 180 - 200 °C (B)	
Injection Speed	Low to Medium	
Injection Pressure	50 - 80 MPa	
Back Pressure	0.3 - 1.0 MPa	
Mold Temp.	20 - 60 °C	

**Notes:** This technical data in the product brochures are typical test results for reference, and should not be defined as minimum value.