

Technical Datasheet

Ver.2018

Material Type	PP+EPDM-T22	Grade Name	C3322T-B12
Features	<ul style="list-style-type: none"> • High Melt Flow • High Stiffness • High Toughness 		
Material Standard	WSS-M4D1005-A2		
Availability	North America/Asia-Pacific		
Process Method	Injection Molding		
Appearance	Colors Optional		
Applications	Automotive exterior parts		

General Properties

No.	Properties	Methods	Units	Values	Test Conditions
1	Melt Flow Rate	ISO 1133-1	g/10min	30	230°C×2.16kg
2	Density	ISO 1183-1	g/cm ³	1.07	
3	Tensile Strength at Max Load	ISO 527-2	MPa	19	50mm/min
4	Flexural Modulus	ISO 178	MPa	1950	2mm/min
5	Notched Impact Strength	ISO 180	kJ/m ²	31	23°C
6	Notched Impact Strength	ISO 180	kJ/m ²	3.5	-40°C
7	Heat Deflection Temp.	ISO 75-2	°C	100	0.45MPa,Flat
8	Heat Deflection Temp.	ISO 75-2	°C	54	1.8MPa,Flat

Processing Conditions

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