Celstran® PA66-GF30-07

Polyamide 66

Celanese Corporation

Message:

30% Long Glass Reinforced, Flow Enhanced, Nylon 66

General Information			
Filler / Reinforcement	Long glass fiber, 30% filler by weight		
Features	Good liquidity		
RoHS Compliance	Contact manufacturer		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.36	g/cm³	ASTM D792, ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	9500	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	160	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	1.9	%	ISO 527-2/1A/5
Flexural Modulus (23°C)	9000	MPa	ISO 178
Flexural Stress (23°C)	242	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	15	kJ/m²	ISO 179/1eA
Injection	**Nominal Value**	**Unit**	
Drying Temperature	70.0 - 80.0	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Moisture	0.18	%	
Hopper Temperature	70.0 - 80.0	°C	
Rear Temperature	285 - 295	°C	
Middle Temperature	290 - 300	°C	
Front Temperature	300 - 310	°C	
Nozzle Temperature	300 - 315	°C	
Processing (Melt) Temp	300 - 315	°C	
Mold Temperature	80.0 - 100	°C	
Injection instructions			

Zone 4 Temperature: 300 to 315°CFeed Temperature: 20 to 50°C

Recommended distributors for this material

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