

Celstran® PP-GF30-23 AF 3001 Natural

Polypropylene

Celanese Corporation

Message:

Celstran PP-GF30-23 is a 30% long glass fiber Polypropylene. The -23 can be used in food contact applications since all of the raw materials contained within are FDA compliant. This material imparts excellent impact and modulus properties that exceed that of short glass fiber polypropylene.

General Information			
Filler / Reinforcement	Long Glass Fiber,30% Filler by Weight		
Features	Food Contact Acceptable		
	Good Impact Resistance		
Uses	Non-specific Food Applications		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6220	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	94.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.5	%	ISO 527-2/1A/5
Flexural Modulus (23°C)	6290	MPa	ISO 178
Flexural Stress (23°C)	158	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eA

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