



Celstran® PP-GF30-23 AF 3001 Natural

Celanese Corporation - Polypropylene

Tuesday, November 5, 2019

General Information

Product Description

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

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
Filler / Reinforcement	• Asia Pacific • Long Glass Fiber, 30% Filler by Weight		
Features	• Food Contact Acceptable • Good Impact Resistance		
Uses	• Non-specific Food Applications		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Mechanical			
Tensile Modulus	902000	psi	ISO 527-2/1A/1
Tensile Stress (Break)	13600	psi	ISO 527-2/1A/5
Tensile Strain (Break)	2.5	%	ISO 527-2/1A/5
Flexural Modulus (73°F)	912000	psi	ISO 178
Flexural Stress (73°F)	22900	psi	ISO 178
Impact			
Charpy Notched Impact Strength (73°F)	9.3	ft·lb/in ²	ISO 179/1eA

Notes

¹ Typical properties: these are not to be construed as specifications.