



## 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 • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Long Glass Fiber, 30% Filler by Weight		
Features	• Food Contact Acceptable	• Good Impact Resistance	
Uses	• Non-specific Food Applications		

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
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	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	9.3	ft·lb/in <sup>2</sup>	ISO 179/1eA

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.