



## CoolPoly® E1201

Celanese Corporation - Polypropylene

Tuesday, November 5, 2019

### General Information

#### General

Material Status	• Experimental: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
RoHS Compliance	• RoHS Compliant		

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

Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	371000	psi	ISO 527-2/1A
Tensile Stress (Break)	2250	psi	ISO 527-2/1A/5
Tensile Strain (Break)	1.7	%	ISO 527-2/1A/5
Flexural Modulus (73°F)	537000	psi	ISO 178
Flexural Stress (73°F)	4210	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (73°F)	3.6	ft-lb/in <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Thermal Conductivity			ASTM E1461
-- <sup>2</sup>	14	Btu·in/hr/ft <sup>2</sup> /°F	
-- <sup>3</sup>	56	Btu·in/hr/ft <sup>2</sup> /°F	
-- <sup>4</sup>	87	Btu·in/hr/ft <sup>2</sup> /°F	

#### Notes

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

<sup>2</sup> Thruplane

<sup>3</sup> Crossflow

<sup>4</sup> Flow