



Celanex® LX2002

Celanese Corporation - Polybutylene Terephthalate

Monday, November 4, 2019

General Information

Product Description

Celanex LX2002 is a general purpose, unreinforced polybutylene terephthalate with a good balance of mechanical properties and processability. Celanex LX2002 is a medium flow material that does not contain an internal lubricant.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• General Purpose	• Good Processability	• Medium Flow
Uses	• General Purpose		
RoHS Compliance	• Contact Manufacturer		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	14	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	450000	psi	ISO 527-2/1A
Tensile Stress (Yield)	7980	psi	ISO 527-2/1A/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/1A/50
Tensile Strain (Break)	12	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (73°F)	1.5	ft-lb/in ²	ISO 179/1eU
Notched Izod Impact Strength (73°F)	1.8	ft-lb/in ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ²	437	°F	ISO 11357-3

Notes

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

² 10°C/min