

# LCA® PBT 420 Type

Polybutylene Terephthalate

UniPlas, Inc.

## Message:

LCA® PBT 420 Type is a Polybutylene Terephthalate (PBT) material filled with 30% glass fiber. It is available in North America for injection molding. Primary attribute of LCA® PBT 420 Type: Lubricated.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Lubricant		
Features	Lubricated		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Ash Content	28 to 32	%	ASTM D5630
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	81.4	MPa	
Break	79.3	MPa	
Tensile Elongation (Break)	9.0	%	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790
Flexural Strength (Yield)	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256

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## Recommended distributors for this material

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