

Lucent PBT GPB-115

Polybutylene Terephthalate

Lucent Polymers, Inc.

Message:

15% Glass Fiber Reinforced, Polybutylene Terephthalate

Add "R" for Added Release

Add "U" for UV Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	105	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5160	MPa	ASTM D790
Flexural Strength	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	157	°C	ASTM D648

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Recommended distributors for this material

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