

Lucent PBT GPB-FR515

Polybutylene Terephthalate

Lucent Polymers, Inc.

Message:

15% Glass Fiber Reinforced, Flame Resistant, Polybutylene Terephthalate

Add "R" for Added Release

Add "U" for UV Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.52	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	89.6	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	157	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.18 mm)	V-0		UL 94

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Recommended distributors for this material

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