

DURANEX® GFR315

 Polyplastics - *Polybutylene Terephthalate*

General Information

Product Description

Flame Retardant, New Standard, UL Approved Regrind 50% Inclusive

GF15% Reinforced

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant • Regrind and Blending Performance
UL File Number	• E213445
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PBT-GF15 FR(17)<

 Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density	1.60	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.10	%	ISO 62
Mechanical			
Tensile Stress	15500	psi	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	930000	psi	ISO 178
Flexural Stress	23200	psi	ISO 178
Impact			
Charpy Notched Impact Strength (73°F)	2.5	ft·lb/in ²	ISO 179/1eA
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	396	°F	ISO 75-2/A
Flammability			
Flame Rating	V-0		UL 94
Additional Information			
Color Number	EF2001/ED3002		

Notes

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