

# DURANEX® 3106

## Polyplastics - Polybutylene Terephthalate + PET

### General Information

#### Product Description

Better Surface Appearance, Higher Gloss, HB

GF15% Reinforced

#### General

Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Features	• Good Surface Finish • High Gloss
UL File Number	• E213445
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PBT+PET-GF15<

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm <sup>3</sup>	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	13600	psi	ISO 527-2
Tensile Strain (Break)	1.9	%	ISO 527-2
Flexural Modulus	821000	psi	ISO 178
Flexural Stress	22900	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.6	ft·lb/in <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	399	°F	ISO 75-2/A
CLTE - Flow (73 to 131°F)	2.2E-5	in/in/°F	Internal Method
CLTE - Transverse (73 to 131°F)	4.4E-5	in/in/°F	Internal Method
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Additional Information	Nominal Value	Unit	
Color Number	EF2001/ED3002		