

**DURANEX® 330GW**

 Polyplastics - *Polybutylene Terephthalate*

## General Information

**Product Description**

Flame Retardant, Excellent Glow-wire Property

GF Reinforced

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East      • Europe      • North America • Asia Pacific      • Latin America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant
UL File Number	• E213445
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PBT-GF30FR(30+17)<

 Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density	1.76	g/cm <sup>3</sup>	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.10	%	ISO 62
<b>Mechanical</b>			
Tensile Stress	12600	psi	ISO 527-2
Tensile Strain (Break)	0.90	%	ISO 527-2
Flexural Modulus	1.60E+6	psi	ISO 178
Flexural Stress	20200	psi	ISO 178
<b>Impact</b>			
Charpy Notched Impact Strength (73°F)	2.5	ft·lb/in <sup>2</sup>	ISO 179/1eA
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	406	°F	ISO 75-2/A
CLTE - Flow (73 to 131°F)	1.1E-5	in/in/°F	Internal Method
CLTE - Transverse (73 to 131°F)	3.9E-5	in/in/°F	Internal Method
<b>Electrical</b>			
Electric Strength (0.118 in)	430	V/mil	IEC 60243-1
Comparative Tracking Index	325	V	IEC 60112
<b>Flammability</b>			
Flame Rating	V-0		UL 94
<b>Additional Information</b>			
Color Number	EF2001/ED3002		

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.
