

DURANEX® 3300

 Polyplastics - *Polybutylene Terephthalate*

General Information

Product Description

HB, Standard

GF30% Reinforced

General

Material Status	<ul style="list-style-type: none"> Commercial: Active 		
Availability	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific 	<ul style="list-style-type: none"> Europe Latin America 	<ul style="list-style-type: none"> North America
Filler / Reinforcement	<ul style="list-style-type: none"> Glass Fiber, 30% Filler by Weight 		
Automotive Specifications	<ul style="list-style-type: none"> FORD ESE-M4D341-A1 FORD WSS-M4D725-B1 Color: ED3002 	<ul style="list-style-type: none"> GM GMW16733 Color: ED3002 GM GMW16733 Color: ED3002 	<ul style="list-style-type: none"> GM GMW16733 Color: EF2001 HYUNDAI MS941-03 Type F-5
UL File Number	<ul style="list-style-type: none"> E213445 		
Forms	<ul style="list-style-type: none"> Pellets 		
Processing Method	<ul style="list-style-type: none"> Injection Molding 		
Part Marking Code (ISO 11469)	<ul style="list-style-type: none"> >PBT-GF30< 		

 Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density	1.53	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.10	%	ISO 62
Mechanical			
Tensile Stress	20300	psi	ISO 527-2
Tensile Strain (Break)	2.2	%	ISO 527-2
Flexural Modulus	1.31E+6	psi	ISO 178
Flexural Stress	31900	psi	ISO 178
Impact			
Charpy Notched Impact Strength (73°F)	5.0	ft-lb/in ²	ISO 179/1eA
Hardness			
Rockwell Hardness (M-Scale)	100		ISO 2039-2
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	415	°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)	5.0E-5	in/in/°F	Internal Method
Electrical			
Volume Resistivity	5.0E+16	ohms-cm	IEC 60093
Electric Strength (0.118 in)	580	V/mil	IEC 60243-1
Comparative Tracking Index	375	V	IEC 60112
Flammability			
Flame Rating	HB		UL 94
Additional Information			
Color Number	EF2001/ED3002		

