

DURANEX® HN7330N/B

Polyplastics - Polycarbonate + PBT

General Information

Product Description

Low Warpage, Flame Retardant, Standard

GF30% Reinforced

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant • Low Warpage
UL File Number	• E213445
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PBT+PC-GF30 FR(17)<

 Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.64	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	19100	psi	ISO 527-2
Tensile Strain (Break)	1.9	%	ISO 527-2
Flexural Modulus	1.43E+6	psi	ISO 178
Flexural Stress	28400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.9	ft·lb/in ²	ISO 179/1eA
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	100		ISO 2039-2
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	392	°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
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

