

DURANEX® 750AM

 Polyplastics - *Polybutylene Terephthalate* + SAN

General Information

Product Description

Low Warpage, Flame Retardant

GF30% Reinforced, Hydrolysis Resistance

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 • Hydrolysis Resistant • Low Warpage
UL File Number	• E213445
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PBT+SAN-GF30 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)	0.20	%	ISO 62
Mechanical			
Tensile Stress	19600	psi	ISO 527-2
Tensile Strain (Break)	1.6	%	ISO 527-2
Flexural Modulus	1.44E+6	psi	ISO 178
Flexural Stress	26000	psi	ISO 178
Impact			
Charpy Notched Impact Strength (73°F)	3.1	ft·lb/in ²	ISO 179/1eA
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	390	°F	ISO 75-2/A
Flammability			
Flame Rating	V-0		UL 94
Additional Information			
Color Number	ED3002		

Notes

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