

# DURANEX® 750AM

## Polyplastics - Polybutylene Terephthalate + SAN

### General Information

#### Product Description

Low Warpage, Flame Retardant

GF30% Reinforced, Hydrolysis Resistance

#### General

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 <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.60	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	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	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.1	ft·lb/in <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	390	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Additional Information	Nominal Value	Unit	
Color Number	ED3002		