



DURANEX® 306MS

Polyplastics - Polybutylene Terephthalate + PET

General Information

Product Description

Better Surface Appearance, Higher Gloss, HB

High Rigidity

General

Filler / Reinforcement	• Glass Fiber, 50% Filler by Weight
Features	• Good Surface Finish • High Gloss • High Rigidity
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PBT+PET-GF50<

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.75	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	23200	psi	ISO 527-2
Tensile Strain (Break)	1.6	%	ISO 527-2
Flexural Modulus	2.47E+6	psi	ISO 178
Flexural Stress	34800	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.4	ft-lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	403	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Additional Information	Nominal Value	Unit	
Color Number	ED3002		