

DURANEX® SF755

Polyplastics - Polybutylene Terephthalate + PET

General Information

Product Description

Super High Flow, HB

High flow, high cycle, High rigidity

GF55%

General

Filler / Reinforcement	• Glass Fiber, 55% Filler by Weight
Features	• Fast Molding Cycle • High Flow • High Rigidity
UL File Number	• E213445
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PBT+PET-GF55<

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.79	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	23900	psi	ISO 527-2
Tensile Strain (Break)	1.5	%	ISO 527-2
Flexural Modulus	2.64E+6	psi	ISO 178
Flexural Stress	38400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.8	ft·lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	417	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Additional Information	Nominal Value	Unit	
Color Number	EF2001/ED3020		