

DURANEX® 532AR

Polyplastics - Polybutylene Terephthalate

General Information

Product Description

Alkali Resistance Improved

GF30% Reinforced, Hydrolysis Resistance

General

Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Alkali Resistant • Hydrolysis Resistant
UL File Number	• E213445
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PBT-I-GF30<

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.46	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	16000	psi	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	1.16E+6	psi	ISO 178
Flexural Stress	24700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	7.1	ft·lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	396	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Additional Information	Nominal Value	Unit	
Color Number	EF2001/ED3002/LM3002		