

DURANEX® 320NF

Polyplastics - Polybutylene Terephthalate

General Information

Product Description

Halogen-free, Higher Comparative Tracking Index

GF20% reinforced. Standard

General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Halogen Free
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.49	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	13100	psi	ISO 527-2
Tensile Strain (Break)	2.3	%	ISO 527-2
Flexural Modulus	1.10E+6	psi	ISO 178
Flexural Stress	20300	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.4	ft-lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	410	°F	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Electric Strength (0.118 in)	510	V/mil	IEC 60243-1
Arc Resistance	125	sec	ASTM D495
Comparative Tracking Index	500	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Glow Wire Flammability Index	1760	°F	IEC 60695-2-12
Additional Information	Nominal Value	Unit	
Color Number	EF2001/ED3002		