

DURANEX® 201NF

Polyplastics - Polybutylene Terephthalate

General Information

Product Description

Halogen-free, Higher Comparative Tracking Index

non-reinforced, Standard

General

Features	• Halogen Free
UL File Number	• E213445
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PBT-FR(40)<

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Water Absorption (Saturation, 73°F)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	7250	psi	ISO 527-2
Nominal Tensile Strain at Break	10	%	ISO 527-2
Flexural Modulus	406000	psi	ISO 178
Flexural Stress	11600	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.4	ft·lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	176	°F	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+17	ohms	IEC 60093
Volume Resistivity	6.0E+16	ohms·cm	IEC 60093
Electric Strength (0.118 in)	460	V/mil	IEC 60243-1
Arc Resistance	125	sec	ASTM D495
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.030 in)	V-0		UL 94
Glow Wire Flammability Index	1760	°F	IEC 60695-2-12