

# DURANEX® 201EB

## Polyplastics - Polybutylene Terephthalate

### General Information

#### Product Description

Electric Conductive

Unfilled

#### General

Features	• Electrically Conductive
UL File Number	• E213445
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PBT-CD20<

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm <sup>3</sup>	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.25	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	8700	psi	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	548000	psi	ISO 178
Flexural Stress	15400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	0.81	ft·lb/in <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	266	°F	ISO 75-2/A
CLTE - Flow (73 to 131°F)	4.7E-5	in/in/°F	Internal Method
CLTE - Transverse (73 to 131°F)	4.7E-5	in/in/°F	Internal Method
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	40	ohms·cm	Internal Method
Flammability	Nominal Value	Unit	Test Method
Flame Rating (Equivalent)	HB		UL 94
Additional Information	Nominal Value	Unit	
Color Number	ED3002		