

DURANEX® 201EB

 Polyplastics - *Polybutylene Terephthalate*

General Information

Product Description

Electric Conductive

Unfilled

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Electrically Conductive
UL File Number	• E213445
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PBT-CD20<

 Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	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 ²	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	Test Method
Color Number	ED3002		

Notes

¹ Typical properties: these are not to be construed as specifications.
