

DURANEX® CRN7000GP

Polyplastics - Polybutylene Terephthalate

General Information

Product Description

Flame Retardant, Low Gas Generation, Low Contact Contamination, UL Approved Regrind 50% Inclusive

Unfilled

General

Additive	• Flame Retardant
Features	• Flame Retardant • Regrind and Blending Performance
UL File Number	• E213445
Forms	• Pellets
Part Marking Code (ISO 11469)	• >PBT-FR(17)<

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ISO 1183
Water Absorption (24 hr, 73°F, 0.0394 in)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	9280	psi	ISO 527-2
Tensile Strain (Break)	7.0	%	ISO 527-2
Flexural Modulus	468000	psi	ISO 178
Flexural Stress	14800	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.5	ft-lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	194	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Additional Information	Nominal Value	Unit	
Color Number	EF2001/ED3002		