

**DURANEX® 300FP**

 Polyplastics - *Polybutylene Terephthalate*

## General Information

**Product Description**

Film, Extrusion Molding

High Flow

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• High Flow		
Forms	• Pellets		
Processing Method	• Extrusion		
Part Marking Code (ISO 11469)	• >PBT<		

 Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm <sup>3</sup>	ISO 1183
Intrinsic Viscosity	0.69	dl/g	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	8700	psi	ISO 527-2
Nominal Tensile Strain at Break	10	%	ISO 527-2
Flexural Modulus	354000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	0.95	ft·lb/in <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	158	°F	ISO 75-2/A
Glass Transition Temperature	95.0	°F	
Melting Temperature	435	°F	
Peak Crystallization Temperature	347	°F	
delta H	51.0	J/g	
Additional Information	Nominal Value	Unit	Test Method
Color Number	EF201R		

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.
