

AuroraGuard™ 7006

Aurora Material Solutions, LLC - *Polyethylene Terephthalate*
General Information
Product Description

0.76 IV PET

Formerly known as EnCounter 7006

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• General Purpose
Uses	• General Purpose
Appearance	• Natural Color
Processing Method	• Injection Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Apparent (Bulk) Density	0.80	g/cm ³	Internal Method
Intrinsic Viscosity	0.74 to 0.78		Internal Method
Moisture Content	0.25	%	Internal Method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	480	°F	Internal Method

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	280 to 300	°F
Drying Time	4.0 to 6.0	hr
Suggested Max Moisture	< 0.25	%
Rear Temperature	500 to 540	°F
Middle Temperature	520 to 560	°F
Front Temperature	540 to 580	°F
Nozzle Temperature	540 to 580	°F
Processing (Melt) Temp	540 to 590	°F
Mold Temperature	50 to 120	°F

