

Laser+® W Ti844 (P46A)

Polyethylene Terephthalate

DAK Americas LLC

Message:

Laser+® W Ti844 (P46A) is a Polyethylene Terephthalate (PET) material. It is available in Latin America or North America for injection blow molding or stretch blow molding.

Important attributes of Laser+® W Ti844 (P46A) are:

- Copolymer
- Eco-Friendly/Green
- Food Contact Acceptable
- High ESCR (Stress Crack Resistant)
- Medium Viscosity

Typical applications include:

- Bottles
- Food Contact Applications

General Information			
Features	Antimony Free		
	Copolymer		
	Food Contact Acceptable		
	High ESCR (Stress Crack Resist.)		
	Medium-low Viscosity		
	Recyclable Material		
Uses	Bottles		
Agency Ratings	FDA FCN 85		
Forms	Pellets		
Processing Method	Injection Blow Molding		
	Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Bulk Density	897	kg/m ³	Internal Method
Acetaldehyde	< 1.0	ppm	Internal Method
Color			Internal Method
CIE b*	-5.0 to -1.0		
CIE L*	75 to 79		
Crystallinity	> 45	%	Internal Method
Intrinsic Viscosity	0.70 to 0.74	dl/g	Internal Method
Moisture Content - as packaged	< 0.25	wt%	Internal Method
Particle Size - Shape (Cylindrical)	3x2x2	mm	Internal Method
Chip Size - nominal	59.0	count/g	Internal Method
Fines - as packaged, +24 Mesh Size	< 0.1	wt%	Internal Method
Thermal	Nominal Value	Unit	Test Method

Melting Temperature	240	°C	Internal Method
Injection	Nominal Value	Unit	
Drying Temperature	149 to 171	°C	
Drying Time	4.0 to 6.0	hr	
Dew Point	< -36.7	°C	

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Recommended distributors for this material

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