Laser+® W (L40B)

Polyethylene Terephthalate

DAK Americas LLC

Message:

Laser+® W (L40B) 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 (L40B) are: Copolymer Eco-Friendly/Green Food Contact Acceptable High ESCR (Stress Crack Resistant) Medium Viscosity Typical applications include: Bottles Food Contact Applications

Features Copolymer Food Contact Acceptable High ESCR (Stress Crack Resist.) High ESCR (Stress Crack Resist.) Medium-low Viscosity Recyclable Material Recyclable Material Uses Bottles Agency Ratings FDA FCN 635 Forms Pellets Processing Method Injection Blow Molding Stretch Blow Molding Stretch Blow Molding Stretch Blow Molding Stretch Blow Molding Physical Nominal Value Unit Test Method Bulk Density 870 kg/m³ Internal Method Color 10 ppm Internal Method Cli b* -50 to 1.0 Internal Method Internal Method Cli L* -78 Internal Method Internal Method Intrinsic Viscosity 0.73 to 0.77 d/lg Internal Method Moisture Content - as packaged <0.25 wt% Internal Method Moisture Content - as packaged <0.25 wt% Internal Method Moisture Content - as packaged <0.25 wt% Internal Method Moisture Content - as packaged	General Information				
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Bulk Density870kg/m³Internal MethodAcetaldehyde< 1.0					
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Intrinsic Viscosity0.73 to 0.77dl/gInternal MethodMoisture Content - as packaged< 0.25	CIE L*	> 78			
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Thermal Nominal Value Unit Test Method	Chip Size - nominal	48.0 to 58.0	count/g	Internal Method	
	Fines - as packaged, +24 Mesh Size	< 0.1	wt%	Internal Method	
Melting Temperature 242 °C Internal Method	Thermal	Nominal Value	Unit	Test Method	
	Melting Temperature	242	°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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