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

General Information	
Features	Copolymer Food Contact Acceptable High ESCR (Stress Crack Resist.) Medium-low Viscosity Recyclable Material
Uses	Bottles
Agency Ratings	FDA FCN 635
Forms	Pellets
Processing Method	Injection Blow Molding Stretch Blow Molding

Physical	Nominal Value	Unit	Test Method
Bulk Density	870	kg/m³	Internal Method
Acetaldehyde	< 1.0	ppm	Internal Method
Color			Internal Method
CIE b*	-5.0 to -1.0		
CIE L*	> 78		
Crystallinity	> 45	%	Internal Method
Intrinsic Viscosity	0.73 to 0.77	dl/g	Internal Method
Moisture Content - as packaged	< 0.25	wt%	Internal Method
Particle Size - Shape (Flat Cylinder)	3x3x2	mm	Internal Method
Chip Size - nominal	48.0 to 58.0	count/g	Internal Method
Fines - as packaged, +24 Mesh Size	< 0.1	wt%	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

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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