

# Laser+® (B90B)

Polyethylene Terephthalate

DAK Americas LLC

## Message:

Laser+ ® (B90B) 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+ ® (B90B) are:

- Copolymer
- Eco-Friendly/Green
- Food Contact Acceptable
- High ESCR (Stress Crack Resistant)
- Typical applications include:
  - Bottles
  - Food Contact Applications

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	High ESCR (Stress Crack Resist.)		
	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/m <sup>3</sup>	Internal Method
Acetaldehyde	< 2.0	ppm	Internal Method
Color			Internal Method
CIE b*	-5.0 to -1.0		
CIE L*	> 78		
Crystallinity	> 40	%	Internal Method
Intrinsic Viscosity	0.82 to 0.86	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	241	°C	Internal Method
Injection	Nominal Value	Unit	Test Method
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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