

# Laser+® W (P45A)

Polyethylene Terephthalate

DAK Americas LLC

## Message:

Laser+® W (P45A) 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 (P45A) 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
Acetaldehyde	< 1.0	ppm	Internal Method
Color			Internal Method
CIE b*	-4.0 to 0.0		
CIE L*	80 to 84		
Intrinsic Viscosity	0.73 to 0.77	dl/g	Internal Method
Moisture Content - as packaged	< 0.25	wt%	Internal Method
Chip Size - nominal	49.0 to 59.0	count/g	Internal Method
Fines - as packaged, +24 Mesh Size	< 0.1	wt%	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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