

# Laser+® W (L40A)

Polyethylene Terephthalate

DAK Americas LLC

## Message:

Laser+® W (L40A) 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 (L40A) 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/m <sup>3</sup>	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

