

## DAK Americas Laser+® C 9921 (F65A) PET

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), Unreinforced

### Material Notes:

**Product Description:** Laser+® 9921 (F65A) is a unique copolymer particularly suited for use in the custom PET container applications where clarity and injection molding performance is desired. It is a medium intrinsic viscosity (IV) product that gives the end user a clear bottle and offers superior processing and consistency. **Typical Properties:** Bi-orientation of Laser+® 9921 (F65A) by injection/stretch blow molding provides optimal barrier and mechanical properties, including excellent vacuum performance. It performs well in both single- and two-stage processes used in the manufacturing of PET containers. Laser+® 9921 (F65A) offers excellent clarity and color, while maintaining good reheat characteristics for stretch blow molding. In addition, because it is a CHDM copolymer resin, it offers significantly reduced crystallization rates and a wide processing window. **Certification:** Laser+® 9921 (F65A) is ideally suited for food packaging applications and is considered in compliance with the Food and Drug Administration (FDA) Food Contact Notification (FCN) 000635, covering PET polymers. Information provided by DAK Americas

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DAK-Americas-Laser-C-9921-F65A-PET.php](http://www.lookpolymers.com/polymer_DAK-Americas-Laser-C-9921-F65A-PET.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.849 g/cc	0.0307 lb/in <sup>3</sup>	DAK-QAR-SOP-0018
Particle Size	3270 µm	3270 µm	Cubical Shape; DAK-QAR-SOP-0017
Particle Mesh Size	24 Mesh	24 Mesh	Fines: <0.05%, as packaged; DAK-QAR-SOP-0014
Viscosity Measurement	0.78 - 0.82	0.78 - 0.82	[dL/g], Intrinsic; DAK-QAR-SOP-0012
Crystallinity	>= 35 %	>= 35 %	DAK-QAR-SOP-0016

Thermal Properties	Metric	English	Comments
Melting Point	238 °C	460 °F	nominal; DAK-QAR-SOP-0016

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.25 %	<= 0.25 %	DAK-QAR-SOP-0013; as packaged

Descriptive Properties	Value	Comments
Chip Size	53-73 chips/g	nominal, DAK-QAR-SOP-0015
Color	>77.5 CIE	L*, DAK-QAR-SOP-0011
	-1.2- 1.8 CIE	b*, DAK-QAR-SOP-0011
Compounds	<3 ppm	Acetaldehyde, DAK-QAR-SOP-0010

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China