

DAK Americas Laser+® W PJ002 F43A PET

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

Material Notes:

Product Description: Laser+® W PJ002 (F43A) polyethylene terephthalate (PET) resin is a copolymer formulated for conversion to PET bottles by conventional single or two-stage processing technology. **Typical Properties:** Bi-orientation of Laser+® W PJ002 (F43A) injection/stretch blow molding provides good barrier and mechanical properties. It performs exceptionally well in the manufacture of larger water containers where slow crystallization rates and exceptional blow up ratios are important. Laser+® W PJ002 (F43A) is engineered for large water containers use by combining a medium intrinsic viscosity (IV) and lower melting point, allowing for a gentle injection molding process while maintaining strength. Laser+® W PJ002 (F43A) offers good heat absorption and processing control for the larger water container market. A relatively slow crystallization rate enables higher injection molding output. **Certification:** Laser+® PJ002 (F43A) 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-W-PJ002-F43A-PET.php

Physical Properties	Metric	English	Comments
Bulk Density	0.817 g/cc	0.0295 lb/in ³	DAK-QAR-SOP-0018
Particle Size	2500 µm	2500 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	240 °C	464 °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*, BD-66060
	-1.2 - 1.8 CIE	b*, BD-66060
Compounds	<3 ppm	Acetaldehyde, DAK-QAR-SOP-0010

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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