

## DAK Americas Laser+® C K62A PET

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

### Material Notes:

Laser+® C (K62A) is a unique copolymer particularly suited for use in both the BCF (bulk continuous filament) production of fibers and custom PET container application where clarity and neutral color are desired. It is a low intrinsic viscosity (IV) product that gives the end user clarity and offers excellent processing and consistency. Typical Properties: The polymer properties are designed for optimized filament extrusion, fiber spinning and performance. BI-orientation of Laser+® C (K62A) by injection/stretch blow molding provides optimal barrier and mechanical properties, including good vacuum performance. It performs well in BCF and single- and two-stage processes used in the manufacturing of PET containers. Certification: Laser+® C (K62A) is ideally suited for food packaging applications and is considered in compliance with the Food and Drug Administration (FDA) Food Contact Notification (FCN) 000635, and Health Canada Health Products and Food Branch (HPFB) file KS 05103105 for PET polymers. Information provided by DAK Americas

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DAK-Americas-Laser-C-K62A-PET.php](http://www.lookpolymers.com/polymer_DAK-Americas-Laser-C-K62A-PET.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.870 g/cc	0.0314 lb/in <sup>3</sup>	DAK-QAR-SOP-0018
Particle Size	3000 µm	3000 µm	Flat Cylinder Shape; DAK-QAR-SOP-0017
Particle Mesh Size	24 Mesh	24 Mesh	Fines: <0.1%, as packaged; DAK-QAR-SOP-0014
Viscosity Measurement	0.74 - 0.78	0.74 - 0.78	[dL/g], Intrinsic; DAK-QAR-SOP-0012
Crystallinity	>= 50 %	>= 50 %	DAK-QAR-SOP-0016

Thermal Properties	Metric	English	Comments
Melting Point	246 °C	475 °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	48-58 chips/g	nominal, DAK-QAR-SOP-0015
Color	-5- -1 CIE	b*, DAK-QAR-SOP-0011
	85-89 CIE	L*, DAK-QAR-SOP-0011

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