

DAK Americas Laser+® C 4800 B66A PET

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

Material Notes:

Product Description: Laser+® 4800 (B66A) is a unique copolymer particularly suited for use in the custom PET reusable, bulk container applications where clarity in thicker performs is desired. It is higher intrinsic viscosity product that gives the end user a strong clear bottle and offers excellent processing and the ability to use higher content of retired containers. **Typical Properties:** BI-orientation of Laser+® 4800 (B66A) by injection/stretch blow molding provides optimal barrier and mechanical properties, including excellent vacuum performance. Laser+® 4800 (B66A) offers excellent clarity and good color, while maintaining reheat characteristics for stretch blow molding. In addition, because it is a copolymer resin, it offers reduced crystallization rates and a wide processing window. **Certification:** Laser+® 4800 (B66A) 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-4800-B66A-PET.php

Physical Properties	Metric	English	Comments
Bulk Density	0.817 g/cc	0.0295 lb/in ³	DAK-QAR-SOP-0018
Particle Size	3400 µm	3400 µm	Spherical Shape; DAK-QAR-SOP-0017
Particle Mesh Size	24 Mesh	24 Mesh	Fines: <0.1%, as packaged; DAK-QAR-SOP-0014
Viscosity Measurement	0.82 - 0.86	0.82 - 0.86	[dL/g], Intrinsic; DAK-QAR-SOP-0012
Crystallinity	>= 35 %	>= 35 %	DAK-QAR-SOP-0016

Thermal Properties	Metric	English	Comments
Melting Point	243 °C	469 °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	30 chips/g	nominal, DAK-QAR-SOP-0015
Color	>72.5 CIE	L*, DAK-QAR-SOP-0011
	-5.1- -1.7 CIE	b*, DAK-QAR-SOP-0011
Compounds	<2 ppm	Acetaldehyde, DAK-QAR-SOP-0010

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