

DAK Americas Laser+® HS D59A PET

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

Material Notes:

Product Description: Laser+® HS (D59A) polyethylene terephthalate (PET) resin is designed for conversion to PET packaging by injection stretch blow-molding using commercial heat-set technology. **Typical Properties:** Laser+® HS (D59A) is a low DEG moderate IPA copolymer designed for processes requiring faster crystallization rates, higher glass transition and melting points, but balancing injection molding cycle speed and superior container appearance. Laser+® HS (D59A) also provides good flow properties and melt strength with an excellent operating window. It can be used for one- and two-stage ISBM and thermoforming applications. **Certification:** Laser+® HS (D59A) 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-HS-D59A-PET.php

Physical Properties	Metric	English	Comments
Bulk Density	0.870 g/cc	0.0314 lb/in ³	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	0.80 - 0.84	0.80 - 0.84	[dL/g], Intrinsic; DAK-QAR-SOP-0012
Crystallinity	>= 45 %	>= 45 %	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	48-58 chips/g	nominal, DAK-QAR-SOP-0015
Color	-4.0-0.0 CIE	b*, DAK-QAR-SOP-0011
	82-86 CIE	L*, DAK-QAR-SOP-0011
Compounds	<2 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