

DAK Americas Laser+® C (C60A) PET

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

Material Notes:

Product Description: Laser+® C (C60A) is a unique copolymer particularly suited for use in the custom PET container applications where clarity and neutral colored are desired. It is a medium intrinsic viscosity (IV) product that gives the end user a strong clear bottle and offers excellent processing and consistency. **Typical Properties:** Bi-orientation of Laser+® C (C60A) 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+® C (C60A) offers excellent clarity and color, while maintaining good 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+® C (C60A) 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-C60A-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 | 0.81 - 0.85 | 0.81 - 0.85 | [dL/g], Intrinsic; DAK-QAR-SOP-0012 |
| Crystallinity | >= 45 % | >= 45 % | 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 | -5.0- -1.0 CIE | b*, DAK-QAR-SOP-0011 |
| | 85-89 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