

Wellman PermaClear™ 61803 (0.81 IV) PET

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

Material Notes:

PermaClear® 61803 is a TPA-based polyethylene terephthalate resin made especially for use in packaging applications. It is a solid-stated copolymer resin with an intrinsic viscosity 0.81 IV. PermaClear® 61803 conforms to FDA Regulations 21 CFR Section 177.1630 for food applications. Information provided by DAK Americas. Wellman is a subsidiary of DAK Americas.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wellman-PermaClear-61803-081-IV-PET.php

Physical Properties	Metric	English	Comments
Bulk Density	0.897 g/cc	0.0324 lb/in³	Nominal
Viscosity Measurement	0.79 - 0.83	0.79 - 0.83	Intrinsic; BD-61201-1

Thermal Properties	Metric	English	Comments
Melting Point	>= 240 °C	>= 464 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Chip Size	0.24-0.44 gm/20 chips	BD-61223
Color	-4.5- -0.5	b*, BD-66060
	77-81	L*, BD-66060
Compounds	<2 ppm	Acetaldehyde, Measured on chip, BD-61301

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