

## Wellman AquaClear® Ti844 PET

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

### Material Notes:

AquaClearTI® 844 is a TPA-based polyethylene terephthalate resin made especially for use in the packaging applications. It's a solid state copolymer resin with an intrinsic viscosity of 0.72. AquaClearTI® 844 may be used in contact with food in full compliance with the Federal Food, Drug, and Cosmetic Act and applicable food additive regulations including 21 CFR Section 177.1630. AquaClear does not contain antimony. 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-AquaClear-Ti844-PET.php](http://www.lookpolymers.com/polymer_Wellman-AquaClear-Ti844-PET.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.897 g/cc	0.0324 lb/in <sup>3</sup>	nominal
Viscosity Measurement	0.70 - 0.74	0.70 - 0.74	Intrinsic; BD-61201-1

Thermal Properties	Metric	English	Comments
Melting Point	>= 240 °C	>= 464 °F	BD-61305

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	0.3-0.5 gm/20 chips	BD-61223
Color	-5.0 - -1.0	b*, BD-66060
	75-79	L*, BD-66060
Compounds	<1 ppm	Acetaldehyde, measured on chip, BD-61301

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