

## Indorama Auriga Polymers Invista, Polyclear, Crystal, 3302 PET Resin

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

### Material Notes:

Description: Polyclear, Crystal, PET 3302 is a copolymer packaging resin with a nominal intrinsic viscosity of 0.79 dl/g. Polyclear, Crystal, PET 3302 is designed to have slow re-crystallization rates, and containers produced from the resin are noted for their excellent color and clarity. Polyclear, Crystal, PET 3302 has been used successfully in pharmaceutical, personal care, household goods, liquor, and food containers as well as other custom containers. This polymer complies with the Federal Food, Drug, and Cosmetic Act for certain food applications. Please contact INVISTA for specific FDA clearances. Polyclear, Crystal, PET 3302 offers excellent performance in single-stage, integrated injection-stretch blow molding machines as well as in two-stage, one-step injection and stretch-blow machines. Containers made from INVISTA PET are lightweight, have excellent clarity, and are shatterproof. With the important advantage of being totally recyclable, PET is the packaging material of choice.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Indorama-Auriga-Polymers-Invista-Polyclear-Crystal-3302-PET-Resin.php](http://www.lookpolymers.com/polymer_Indorama-Auriga-Polymers-Invista-Polyclear-Crystal-3302-PET-Resin.php)

Physical Properties	Metric	English	Comments
Bulk Density	>= 0.833 g/cc	>= 0.0301 lb/in <sup>3</sup>	
Density	>= 1.39 g/cc	>= 0.0502 lb/in <sup>3</sup>	Pycnometer
Particle Mesh Size	28 Mesh	28 Mesh	0.05% through; Gravimetric determination as manufactured
Viscosity Measurement	0.77 - 0.81	0.77 - 0.81	Intrinsic; WI No. 104
Crystallinity	>= 50 %	>= 50 %	Pycnometer

Thermal Properties	Metric	English	Comments
Melting Point	<= 248 Å°C	<= 478 Å°F	DSC

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

Chemical Properties	Metric	English	Comments
Acetaldehyde	<= 2.00 ppm	<= 2.00 ppm	Gas Chromatography
Diethylene Glycol	<= 2.3 %	<= 2.3 %	Gas Chromatography
Carboxyl End Groups	<= 35 meq/kg	<= 35 meq/kg	Titration

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.10 %	<= 0.10 %	Karl Fisher Titration as manufactured

Descriptive Properties	Value	Comments
Chip Size	< 2 grams/100 chips	
Process	Blow Molding	
	Injection Molding	
Region	US & Canada	Bamberger Polymers Distribution

## Contact Songhan Plastic Technology Co.,Ltd.

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