

## Indorama Auriga Polymers Polyclear® Splash 3301 PET Resin

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

### Material Notes:

Description: Polyclear® Splash PET 3301 is a copolymer packaging resin with a nominal intrinsic viscosity of 0.74 dl/g. Polyclear® Splash PET 3301 is designed to provide very low regenerated acetaldehyde levels in injection molding, and is noted for its excellent color and clarity. Polyclear® Splash PET 3301 resin been used successfully in water bottles, as well as in custom container applications. The polymer complies with the Federal Food, Drug and Cosmetic Act for certain food applications. Please contact Auriga Polymers Inc. for specific FDA clearances. Polyclear® Splash PET 3301 offers excellent performance in maximum through put injection molding and stretch-blow molding applications. Containers made from Auriga Polymers Inc. 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-Polyclear-Splash-3301-PET-Resin.php](http://www.lookpolymers.com/polymer_Indorama-Auriga-Polymers-Polyclear-Splash-3301-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	0.72 - 0.76	0.72 - 0.76	Intrinsic; 1% Solution in Dichloroacetic Acid
Crystallinity	>= 50 %	>= 50 %	Pycnometer

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

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

Chemical Properties	Metric	English	Comments
Acetaldehyde	<= 1.00 ppm	<= 1.00 ppm	Gas Chromatography
Diethylene Glycol	<= 2.3 %	<= 2.3 %	Gas Chromatography
Carboxyl End Groups	<= 45 meq/kg	<= 45 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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