

Invista Polyclear® Conserve™ 1101D PET Copolymer Packaging Resin (discontinued **)

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Polyclear® Conserve™ PET 1101D is a copolymer packaging resin containing 20% post consumer recycled PET. It has a nominal intrinsic viscosity of 0.83 dl/g. Packaging made from Polyclear® Conserve™ PET 1101D has excellent clarity and is noted for its dimensional stability, which prevents shrinkage and expansion of the container. Polyclear® Conserve™ PET 1101D is formulated to be used in carbonated soft drink bottles and other applications such as packaging for food and for household goods. This polymer complies with the Federal Food, Drug, and Cosmetic Act for certain food contact applications. Please contact INVISTA for specific FDA clearances. Polyclear® Conserve™ PET 1101D offers excellent performance in maximum throughput, stretch-blow molding applications. Preforms made from Polyclear® Conserve™ PET 1101D allow maximum blowing throughputs by quickly heating in the infrared (IR) ovens. In addition, bottles made from Polyclear® Conserve™ PET 1101D are low-stick, which eases handling issues. Containers made from INVISTA PET are lightweight, have excellent clarity, and are shatterproof. With the important advantage of being totally recyclable, PET is becoming the packaging material of choice. Carboxyl end groups:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Invista-Polyclear-Conserve-1101D-PET-Copolymer-Packaging-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	>= 0.833 g/cc	>= 0.0301 lb/in ³	Packed
Density	>= 1.39 g/cc	>= 0.0502 lb/in ³	
Viscosity Measurement	0.81 - 0.85	0.81 - 0.85	Intrinsic viscosity; WI No. 104 test; correlated from solution viscosity by Invista

Thermal Properties	Metric	English	Comments
Melting Point	<= 252 °C	<= 486 °F	

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

Descriptive Properties	Value	Comments
Process	Blow Molding	
	Injection Molding	

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