

Polyclear® Refresh PET 1101

Polyethylene Terephthalate
Indorama Ventures Polymers México

Message:

Polyclear® Refresh PET 1101 is a polyethylene terephthalate (PET) material. This product is available in Latin America and is processed by stretch blow molding.

Polyclear® The main characteristics of Refresh PET 1101 are:

Excellent Processability

Copolymer

environmental protection/green

accessible food

Good dimensional stability

Typical application areas include:

container

packing

bottle

food contact applications

General Information			
Features	Excellent Processability		
	Good dimensional stability		
	Copolymer		
	Recyclable materials		
	Definition, high		
	Compliance of Food Exposure		
Uses	Beverage Containers		
	Packaging		
	Bottle		
	Container		
	Food container		
Agency Ratings	FDA not rated		
Processing Method	Stretch blow molding		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	Internal method
Apparent Density			Internal method
-- ¹	0.88	g/cm ³	Internal method
-- ²	0.90	g/cm ³	Internal method
Acetaldehyde	0.50	ppm	Internal method
Color b	-3.00		Internal method
Crystallinity	53	%	Internal method
Intrinsic Viscosity ³	0.84	dl/g	Internal method
Moisture Content	0.15	wt%	Internal method

80.0

Chip Size	60.0	pcs/g	Internal method
Fines		%	Internal method
Yellow Chips		pcs/125 g	Internal method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	240	°C	Internal method

NOTE

1. For 60 pellets/g
2. For 80 pellets/g
3. Determined by conversion of solution viscosity to intrinsic viscosity using an empirical correlation developed by Indorama Ventures Polymers México.

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