

# Polyclear® Plus PET 1111

Polyethylene Terephthalate  
Indorama Ventures Polymers México

Message:

Polyclear® Plus PET 1111 from Indorama Ventures Polymers México, S. de R.L. de C.V. ("IVPM"), is a copolymer packaging resin with a nominal intrinsic viscosity of 0.84 dl/g. Packaging made from Polyclear® Puls PET 1111 provides excellent clarity, strength, and processing performance in maximum throughput, injection-stretch blow PET container applications. Polyclear® Plus PET 1111 is designed for fast injection cycle times and maximum blowing throughputs. In addition, preforms made from Polyclear® Plus PET 1111 exhibit low acetaldehyde levels while retaining high IV. Bottles made from Polyclear® Plus PET 1111 have excellent thermal stability characteristics and are durable under attack by caustic agents. Polyclear® Plus PET 1111 is recommended for use in carbonated soft drink bottles and for applications such as water bottles, food containers, and packaging for household goods. This PET resin complies with the Federal Food, Drug, and Cosmetic Act for certain food contact applications. Please contact IVPM for specific FDA clearances. Containers made from IVPM PET are lightweight, recyclable, have excellent clarity, and are shatterproof.

General Information			
Features	Excellent Processability		
	High strength		
	Copolymer		
	Recyclable materials		
	Fast molding cycle		
	Definition, high		
	Thermal stability, good		
	Compliance of Food Exposure		
Uses	Beverage Containers		
	Packaging		
	Bottle		
	Container		
	Food container		
Agency Ratings	FDA not rated		
Processing Method	Injection Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm <sup>3</sup>	Internal method
Apparent Density			Internal method
-- <sup>1</sup>	0.88	g/cm <sup>3</sup>	Internal method
-- <sup>2</sup>	0.90	g/cm <sup>3</sup>	Internal method
Acetaldehyde	0.50	ppm	Internal method
Color b	-3.00		Internal method
Crystallinity	53	%	Internal method
Intrinsic Viscosity <sup>3</sup>	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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Recommended distributors for this material

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