



Polyclear® PET T-94

MOV-02-022 Rev. # 21 November 2015

Product Description

Polyclear® PET T-94 from Indorama Ventures Polymers México, S. de R.L. de C.V. ("IVPM"), designed to have slow re-crystallization rate, for the manufacture of carbonated soft drinks returnable bottles, with a nominal intrinsic viscosity of 0.86 dl/g.

Polyclear® PET T-94 has excellent melt and crystallization properties, offering easy processing in injection molding and stretch-blow molding for carbonate soft drinks returnable bottles. Showing an improved performance regarding anti-scuffing behavior and caustic stress resistance.

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, are lightweight, recyclable, have excellent clarity, and are shatterproof.

Property	Unit	Target	Limits	Test Method
Intrinsic Viscosity *	dl/g	0.86	± 0.02	M2E-75-011**
Color b	UCE	-4.5	± 1.5	M2E-75-002**
Acetaldehyde Content	ppm	0.5	1.5 Max.	M2E-75-007**
Cristallinity	%	51	45 Min.	M2E-71-043**
Moisture Content	% wt	0.15	0.3 Max.	M2E-72-010**
Fines	%	-	0.1 Max.	M2E-75-008**
Density	g/ cm ³	1.398	1.394 Min.	M2E-71-043**
Bulk Density	g/ cm ³	0.861	± 0.05	M2E-72-015**
Chip Size	No/g	65	± 5	M2E-75-004**
Melting Point	° C	236	± 8	M2E-73-002**
Yellow Chips	No/125 g	-	9 Max.	M2E-75-014**

* Determined by conversion of solution viscosity to intrinsic viscosity using an empirical correlation developed by Indorama Ventures Polymers México.

** Internal Method

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