



VinPol™ PT125

High Intrinsic Viscosity Co-Polyester

VINPOL PT125 is a co-polyester with intrinsic viscosity designed for extrusion blow molding of clear, high-gloss containers capable of being recycled with clear PET. Containers made from VINPOL PT125 can carry the resin identification code "PET 1", and can be recycled with the clear PET stream. Containers made from this product are ideal for packaging juice, sports drinks, tea, edible oil, household cleaners, detergents, chemicals and automotive products and can replace containers made from PETG, PVC, PP, PC and HDPE. This product complies with FDA and Cosmetic act for all food packaging applications and certain processing conditions.

Resin Property	Typical Value	Units	Test Method
Intrinsic Viscosity*	1.25 +/- 0.03	dI/g	Supplier Method
Moisture Content	0.3 max.	wt %	Supplier Method
Crystallization	45 min.	%	Supplier Method
Color b*	-2.5 +/- 1.5		Supplier Method
Melting Point	236 +/- 8	°C	Supplier method
Fines	0.1	%	Supplier Method
Chip Size	65 +/- 5	#/g	Supplier Method
Density	1.394 min.	g/cm ³	Supplier Method
Bulk Density	0.861 +/- 0.05	g/cm ³	Supplier Method
Yellow Chips	9 max.	#/125g	Supplier Method

* Determined by conversion of solution viscosity to intrinsic viscosity using an empirical correlation developed by the supplier, equivalent to ASTM D-4603. 1% Solution in Dichloroacetic Acid.

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.

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