



PCRPT080 Series

Recycle Polyethylene Terephthalate

VERDANT PCRPT080 Series is an RPET (Recycle Polyethylene Terephthalate) produced from 100% post consumer PET beverage containers that are washed, ground into flakes, washed again, and decontaminated through a solid-state polycondensation and pelletizing process under conditions dictated by the Letter of Non-Objection (LNO) issued by the Federal Drug Administration (FDA) to the O.E.M. of the de-contamination equipment. The LNO states that providing pcrPET is produced in accordance with the terms and conditions of the LNO, the FDA does not object to such pcrPET being used to manufacture plastic food packaging for applications where the food is in direct contact with the pcrPET package. This product is available in clear and green tints. The clear tint version is **VERDANT PCRPT080**, and the green tint version is **VERDANT PCRPT080T**.

Resin Property	Typical Value	Units	Test Method
Intrinsic Viscosity	0.78 – 0.82	dl/g	Supplier Method
DSC Melting Point	252-255	°C	Supplier Method
Color for Clear Tint	L: ≥ 65.0 a: $-3.5 - +2.0$ b: $\leq +4.0$	CIE (L,a,b)	Supplier Method
Pellet Size	16-22	mg	Supplier Method
Bulk Density	50-60	lbs/ft ³	Supplier Method
Crystallization Ratio	≥ 30	%	Supplier Method
Moisture	≤ 0.25	%	Supplier Method

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.