



PCRPT084H

Recycle Polyethylene Terephthalate

VERDANT PCRPT084H is a high clarity RPET (Recycle Polyethylene Terephthalate) made from recycled disposable PET bottles with nominal intrinsic viscosity of 0.84 dl/g. This product is produced in a state-of-the-art continuous polymerization technology and is combined with a strict quality monitoring system. The production facilities producing 384R resin are approved by ISO9001, ISO14001 and OHSAS 18001 systems to confirm the outstanding quality. This resin conforms to FDA Regulation 177.1630 and is recyclable.

Resin Property	Typical Value	Units	Test Method
Intrinsic Viscosity	0.84 ± 0.02	dl/g	ASTM D-4603
Bulk Density	0.92 ± 0.05	g/cm ³	JIS K-5101
Melting Temperature	247 ± 3	°C	ASTM D-3418
Ash Content	≤ 0.02	%	Supplier Method
Moisture	≤ 0.30	%	Supplier Method
Color	L: ≥ 70.0 b: 0.0 ± 3.0	-	JIS 2-8722
Acetaldehyde	≤ 1.0	ppm	Gas Chromatography
Acid value	30 ± 10	10-6equ/g	Titration Method
Chip Size	86 ± 5	chips/2g	Weight scale
Fines	≤ 100	ppm	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.