



PCRPT082

Recycle Polyethylene Terephthalate

VERDANT PCRPT082 is a food grade RPET (Recycle Polyethylene Terephthalate) utilizing post consumer PET bottles and produced via a super-clean recycling process. The U.S. FDA has approved this process to produce recycled polyethylene terephthalate (PCR-PET) pellets that are suitable for use at levels of up to 100% in the manufacture of PET containers for contact with all food types, such as bottles for mineral water, juices, carbonated soft drinks, etc., and thermoformed sheets for meat and fruit trays and other food contact applications except for microwave and conventional oven cooking.

Resin Property	Typical Value	Units	Test Method
Intrinsic Viscosity ¹	0.82 +/- 0.03	dl/g	Supplier Method
Color	L ² : 68 +/- 4 B ² : 0.0 – -0.7	CIE	Supplier Method
Pellet Shape	Spherical		
Pellet Size	50 +/- 5	No./gm	Supplier Method
Bulk Density	0.88 +/- 0.03	Kg/lit	Supplier Method
Acetaldehyde ³	1.5 Max	ppm	Supplier Method
Moisture	0.20 Max	%	Supplier Method

¹ IV tested by Dynisco Melt Flow Indexer/LMFI-2NENNN (ASTM D1238)

² Using Minolta CR 410 Chroma Meter

³ Using GC head space analyzer

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