



## VINPOL™ RRPT076E

### Recycle Polyethylene Terephthalate

**VINPOL RRPT076E** 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, 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 <sup>1</sup>	0.76 +/- 0.03	dl/g	Supplier Method
Color	L <sup>2</sup> : 68 +/- 4 B <sup>2</sup> : 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 <sup>3</sup>	2.0 Max	ppm	Supplier Method
Moisture	0.20 Max	%	Supplier Method

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

<sup>2</sup> Using Minolta CR 410 Chroma Meter

<sup>3</sup> Using GC head space analyzer

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.