



CNR Intertrade Company Limited

## Product Specification

**Product** rPET (Recycled Polyethylene Terephthalate) Polymer

**Product Form** Cylinder Pellets

**Product Code** CNR-C1PET

Articles	Result	Unit	Testing Lab
Intrinsic Viscosity	0.669±0.02	Dl/g	REPI Thai
Crystallinity	30	%	REPI Thai
Colour L	80.22	LH	VICKER Pigment
Colour b	5.66	BH	VICKER Pigment
Moisture Content	Max 0.1	Wt%	TISTR
Melting Temperature	253	°C	TISTR
Melt Flow Rate	75	g/10 min	TISTR
Density	1.4	g/cm <sup>3</sup>	TISTR
Lead	Not Detected	mg/kg	Central Lab
Cadmium	Not Detected	mg/kg	Central Lab
Heavy Metal as Lead	Not Detected	mg/kg	Central Lab
Antimony	Not Detected	mg/kg	Central Lab
Germanium	Not Detected	mg/kg	Central Lab
KMnO <sub>4</sub> Consumed	0.7	mg/dm <sup>3</sup>	Central Lab
Residues from substance Volatile			
In water	2	mg/dm <sup>3</sup>	Central Lab
In acetic acid of 4%	2	mg/dm <sup>3</sup>	Central Lab
In alcohol of 20%	2	mg/dm <sup>3</sup>	Central Lab
In normal heptane	2	mg/dm <sup>3</sup>	Central Lab

### Description

CNR-C1PET is a recycled Polyethylene Terephthalate in Pellets/Granules form that is suitable for fabric, textile or non-food container. The resin offers moderate strength characteristics.

Before using:

- Pre-heat at 170 °C for 4-6 Hours.
- Colour can be applied before melting.

**CNR Intertrade Company Limited**

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