

## RAMAPET E1

### Sales Specifications

Product: Polyethylene Terephthalate (PET) copolymer specially designed for extrusion blow molding process

Sl. No	Property	Unit	Specifications	Test Equipment
1	Intrinsic Viscosity	dl/g	1.08 ± 0.03	IR-001 (Ubbelohde Viscometer)
2	Acetaldehyde	ppm	1 Max	IR-002 (Gas Chromatograph)
3	Melting point	°C	232 ± 2.0	IR-003 (Differential Scanning Calorimeter)
4	Color b	/	-1.5 ± 1.5	IR-004 (CIE Lab)
5	Color L	/	82 ± 3	IR-004 (CIE Lab)
6	Crystallinity	%	45 Min	IR-005 (Density Gradient Column)
7	Moisture content (when packed)	wt %	0.2 Max	IR-006 (Gravimetric Method)
8	Chips / gm	pieces	60 ± 5	IR-007 (Weighment Method)

### Description

**RAMAPET E1** specially designed for extrusion blow molding process. Therefore, this resin possesses highly melt strength to prevent the drawdown as its molten parison. RAMAPET E1 resin offers the excellent clarity and sparkle needed for clear articles. Applications for RAMAPET E1 include extrusion blow molded containers, extruded film and sheet, and profiles, especially, RAMAPET E1 is able to be converted into an integrated handled clear bottle.

**RAMAPET E1** resin is considered safe for food packaging applications based upon compliance with FDA regulation 21 CFR Section 177.1630, European Legislation EU 10/2011 and RoHS Directive 2002/95/EC and its subsequent amendments for heavy metal contents.

### Warranty

Indorama warrants that its products will comply with the specifications and related regulatory compliance detailed in its publications. No other warranty, either expressed or implied regarding the suitability of the product for any particular purpose is made. The buyers are expected to make their own determination about the safety, health, environmental protection and suitability of use for their intended purpose. No warranty is made of the merchantability or fitness of any product and nothing herein waives any of the seller's conditions of sale.