

RAMAPET R1

Sales Specifications

Product: Polyethylene Terephthalate (PET) copolymer Fast Re-Heat for CSD applications

Sl. No	Property	Unit	Specifications	Test Equipment
1	Intrinsic Viscosity	dl/g	0.84 ± 0.02	IR-001 (Ubbelohde Viscometer)
2	Acetaldehyde	ppm	1 Max	IR-002 (Gas Chromatograph)
3	Melting point	°C	247 ± 2.0	IR-003 (Differential Scanning Calorimeter)
4	Color b	/	-1.0 ± 2.0	IR-004 (CIE Lab)
5	Color L	/	80 ± 2.5	IR-004 (CIE Lab)
6	Crystallinity	%	50 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 R1 is a high intrinsic viscosity food grade PET copolymer Fast Re-Heat resin that is specially designed for CSD applications. The resin offers enhanced reheat ability that improves machine efficiency during blow molding.

RAMAPET R1 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.