

RAMAPET S1

Sales Specifications

Product: Polyethylene Terephthalate (PET) copolymer 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	IR-003 (Differential Scanning Calorimeter)
4	Color b	/	-1.5 ± 1.5	IR-004 (CIE Lab)
5	Crystallinity	%	50 Min	IR-005 (Density Gradient Column)
6	Moisture content (when packed)	wt %	0.2 Max	IR-006 (Gravimetric Method)
7	Chips / gm	pieces	60 ± 5	IR-007 (Weighment Method)

Description

RAMAPET S1 is a high intrinsic viscosity food grade PET copolymer resin that is specially designed for the CSD applications. The resin offers enhanced barrier properties on gas permeability through the bottle surface. Suitable for CSD/aerated water for tropical conditions, APET sheet, beer and agrochemical applications. It is also suitable for heat set blow molding that is used for warm fill applications.

RAMAPET S1 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.