

RAMAPET N2

Sales Specifications

Product: Polyethylene Terephthalate (PET) polymer for water applications

Sl. No	Property	Unit	Specifications	Test Equipment
1	Intrinsic Viscosity	dl/g	0.76 ± 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	/	-1.5 ± 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 N2 is a food grade PET copolymer resin that is designed specially for water applications. The resin can be processed at lower temperature and allow faster cycle time on injection molding. The resin offers excellent clarity, color, good strength characteristics and a low acetaldehyde content to minimize impact on aroma and flavor. Suitable for still water, edible oil and miscellaneous container applications.

RAMAPET N2 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