

RAMAPET N1R

Sales Specifications

Product: Polyethylene Terephthalate (PET) polymer Fast Re-Heat for a wide variety of containers

Sl. No	Property	Unit	Specifications	Test Equipment
1	Intrinsic Viscosity	dl/g	0.80 ± 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 N1R is a food grade PET copolymer Fast Re-Heat resin that is suitable for a wide variety of containers. The resin offers enhanced reheat ability that improves machine efficiency during blow molding.

RAMAPET N1R 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.