

**UAB Orion Global Pet**

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Sales Specifications

Product: Polyethylene Terephthalate (PET) Polymers - Copolymer

RAMAPET N1

Sl. No	Property	Unit	Specifications	Test Equipmet
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	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 N1 is a General purpose food grade PET copolymer resin that is suitable for a wide variety of containers. The resin offers good strength characteristics like dimensional stability and mechanical properties. Suitable for Carbonated water, Alcoholic beverages, Pharmaceuticals, Oils, Agrochemicals, wide mouth containers and for APET sheet / Film extrusion application. It is also suitable for heat set blow molding that are used for warm fill applications

RAMAPET N1 resin is considered safe for food packaging applications based upon compliance with FDA regulation 21 CFR Section 177.1630, EC Directive 2002/72/EC & EC Directive 2004/19/EC amendment, EC Directive 94/62/EC and the CONEG Regulation (Heavy metals).

Warranty

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