



Indorama Polymers Public Company Limited

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Factory:

72 Moo 11, Bang ngha Thaklong Road, T. Kaosamorkon, Amphur Tawung, Lopburi 15180.

Sales Specifications

Product: Polyethylene Terephthalate (PET) Polymers - Copolymer

RAMAPET N1S

Property	Unit	Value	Test Method
Intrinsic Viscosity	dl/g	0.82 ± 0.02	IR-001 (Ubbelohde Method)
Acetaldehyde	ppm	1 Max.	IR-002 (Gas Chromatograph)
Melting point	°C	247 ± 0.2	IR-003 (Differential Scanning Calorimeter)
Color b		-1.5 ± 1.5	IR-004 (CIE Lab)
Crystallinity	%	50 Min	IR-005 (Density Gradient Column)
Moisture content (when packed)	wt %	0.2 Max.	IR-006 (Gravimetric Method)
Chips/gm	pieces	60 ± 5	IR-007 (Weighment Method)

Description

RAMAPET N1S is a General purpose food grade PET copolymer resin that is suitable for wide variety of containers including CSD container market. The resin offers good strength characteristics and good barrier properties on gas permeability. Suitable for Water, Alcoholic beverages, Pharmaceuticals, Oils, Agrochemicals, CSD containers and for APET sheet application. It is also suitable for heat set blow molding that are used for warm fill applications.

RAMAPET N1S resin is considered safe for food packaging applications based upon compliance with FDA regulation 21 CFR Section 177.1630, EC regulation 90/128/EEC and Coneg (Heavy metals) regulations.

Warranty

Indorama warrants that its products will comply with the specifications and related regulatory compliance detailed in its publications. No other warranty, either expressed or implied regarding the suitability of the product for any particular purpose is made. The buyers are expected to make their own determination about the safety, health, environmental protection and suitability of use for their intended purpose. No warranty is made of the merchantability or fitness of any product and nothing herein waives any of the seller's conditions of sale.