



PT. Indorama Polypet Indonesia

Head Office: Tempo Scan Tower, 21st Floor. Jl. Rasuna Said Kav. 3 – 4 Jakarta Selatan - Indonesia

Tel: +62 21 2920 1563-67 Fax: + 62 21 2920 1562

www.indoramapolymers.com

Factory:

Jl. Raya Anyer Km. 121 Ciwandan Cilegon 42447 Banten - Indonesia

Sales Specifications

Product: Polyethylene Terephthalate (PET) Polymers - Copolymer

RAMAPET N1

| Property | Unit | Value | Test Method |
|--------------------------------|--------|-------------|--|
| Intrinsic Viscosity | dllg | 0.80 ± 0.02 | IR-001 (Ubbelohde Viscometer) |
| Acetaldehyde | ppm | 1 Max. | IR-002 (Gas Chromatograph) |
| Melting point | °C | 247± 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 | 70 ± 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 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.