

RAMAPET H1

Sales Specifications

Product: Polyethylene Terephthalate (PET) polymer for hot fill applications

| 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 | 253 ± 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 H1 has excellent optical clarity and sparkle, good thermal stability and low acetaldehyde with excellent processability (wide processing window) and high productivity. Suitable for, hot fill bottles, food containers and house hold products.

RAMAPET H1 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.

Warranty

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