

I. Stern IS-7985

Polyethylene Terephthalate

I. STERN & CO. INC.

Message:

Product Description

IS-7985 is a natural polyethylene terephthalate (PET) resin. This resin is produced by continuous melt phase polymerization followed by solid phase polymerization.

Certification

IS-7985 is ideally suited for food packaging applications and is considered in compliance with the Food and Drug Administration (FDA) Food Additive Regulation 21 CFR 177.1630, covering PET polymers.

| General Information | | |
|-----------------------|---------------------|---------|
| Uses | Food Packaging | |
| Agency Ratings | FDA 21 CFR 177.1630 | |
| Physical | Nominal Value | Unit |
| Acetaldehyde | < 3.0 | ppm |
| Apparent Bulk Density | 0.870 | g/cm³ |
| Color b | -6.00 to 4.00 | |
| Color L | 70.0 to 86.0 | |
| Intrinsic Viscosity | 0.75 to 0.85 | |
| Chip Size | 34.0 to 74.0 | chips/g |
| Crystalline Density | > 1.390 | g/cm³ |
| Melt Temperature | 240 | %/sec |

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