

LOTTE CHEMICAL PET ACE

PET COPOLYMER

General Information

Description

- LOTTE CHEMICAL PET ACE is the reheat-efficient PET resin.
- Increased productivity
- Excellent processability , high stress crack resistance and toughness
- Low acetaldehyde content

Applications

- ◆ Carbonated beverage bottles

Physical Properties¹

| General Properties | Test Method | Nominal Values | |
|---------------------|-------------|----------------|-------------------|
| Intrinsic Viscosity | ASTM D4603 | 0.80/0.84 | dl/g |
| Color L | ASTM D6290 | 70 Min | - |
| Color b | ASTM D6290 | 1.0 Max | - |
| Carboxyl End Group | LC METHOD | 30.0 Max | eq/ton |
| Diethylene Glycol | LC METHOD | 1.5 Max | wt% |
| Melting Point | ASTM D3418 | 245±3 | °C |
| Chip Size | LC METHOD | 1.5±0.2 | g/100ea |
| | | - | ea/g |
| Acetaldehyde | LC METHOD | 1.0 Max | wtppm |
| H ₂ O | LC METHOD | 2,000 Max | wtppm |
| Density | ASTM D1505 | 1.40±0.01 | g/cm ³ |

Note

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications