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|-------------------|-----|
| <b>Grade</b>      | HIT |
| <b>Resin Type</b> | PET |

#### General Information

**Key Features** Homo-PET resin produced by titanium catalyst.  
 - High IV preservation rate, good gas barrier properties  
 - Good thermal stability

**Applications** Thermal-resistant containers (for juice, tea, and drinks),  
 mineral water container, extruded/injection products

| Item                | Measuring Method | Unit              | Value      |
|---------------------|------------------|-------------------|------------|
| Intrinsic Viscosity | ASTM D4603       | dl/g              | 0.74±0.02  |
| Color L             | ASTM D6290       | -                 | 85±4       |
| Color b             | ASTM D6290       | -                 | -          |
| Carboxyl End Group  | LC METHOD        | eq/ton            | Max. 30.0  |
| Diethylene Glycol   | LC METHOD        | wt%               | Max. 1.5   |
| Melting Point       | ASTM D3418       | °C                | 253±3      |
| Chip Size           | LC METHOD        | g/100ea           | 1.5±0.2    |
|                     |                  | ea/g              | -          |
| Acetaldehyde        | LC METHOD        | wtppm             | Max. 1.0   |
| H <sub>2</sub> O    | LC METHOD        | wtppm             | Max. 2,000 |
| Density             | ASTM D1505       | g/cm <sup>3</sup> | 1.40±0.01  |

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

\* The last update date : 2022/04/11