

**PARS PET TG-640(SB) N/S**  
Polyethylene Terephthalate (PET)

**Description**

Textile Chips (super bright).

**Chemical composition.**

Poly (ethylene terephthalate) from Pure Terephthalic Acid (PTA) and Ethylene Glycol (EG).

**Applications**

Textile chips are mainly used in the production of polyester fibers and filaments.

**Specifications:**

| PROPERTIES          | Unit    | TG 640(SB) N | TG 640(SB) S | Test Method  |
|---------------------|---------|--------------|--------------|--------------|
| Intrinsic Viscosity | DL/g    | 0.64 ± 0.015 | 0.64 ± 0.01  | ISO 1628-5   |
| DEG Content         | Wt%     | 0.9 - 1.4    | 0.9 - 1.2    | ASTM E2409-4 |
| Color (CIE Lab)     | (L*)    | ≥75          | ≥85          | ASTM D6290-5 |
| Color (CIE Lab)     | (b*)    | ≤ 4.5        | ≤ 2.5        | ASTM D6290-5 |
| Carboxyl End Group  | Meq/Kg  | ≤ 32         | ≤ 32         | ASTM D7409-7 |
| Melting Point       | °C      | 255 ± 3      | 255 ± 3      | ASTM D3418-3 |
| Water Content       | Wt%     | ≤ 0.3        | ≤ 0.3        | ASTM D6869-3 |
| Chips Weight        | g/100EA | 2.4 ± 0.1    | 2.4 ± 0.1    | -----        |

Note: 1) ' Water Content' determined before packing.

2) 'Color' determined after crystallization.

3) All presented parameters would be the average of lab result.

**Storage and Handling**

PET resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry with relative humidity below 50% and temperatures preferably don't exceed 50 °C. STPC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PET within 6 months after delivery.

**Contact Us**

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