

|   |                             |                                   |
|---|-----------------------------|-----------------------------------|
|  | <h1>Product Data Sheet</h1> | <b>Issue Date : 01.01.10</b>      |
| <b>Product Name Futura TexPET-Super Bright / Bright – Type 201</b>                |                             | <b>Old Type No. 20100 / 20101</b> |

### Recommended Applications

- ▶ Bright textile/fiber applications.

### Product Features

- ▶ Futura TexPET-Super Bright / Bright is a Polyester based resin without TiO<sub>2</sub>.
- ▶ Futura TexPET- Super Bright (SPB) contains approved optical brightner whereas TextPET-Bright (B) is without optical brightner.

### Properties

| Characteristic             | Unit    | Type 201    |             | Test Method                     |
|----------------------------|---------|-------------|-------------|---------------------------------|
|                            |         | SPB-Y3      | B-Y3        |                                 |
| Intrinsic Viscosity @ 25°C | dL/g    | 0.63 ± 0.01 | 0.63 ± 0.01 | FPL-QP-V-20-58                  |
| b* Color                   | CIE Lab | 3 max.      | 3 max.      | FPL-QP-S-20-55-Part-B-XXI       |
| Optical Brightner          | --      | Present     | Absent      | --                              |
| Carboxyl Number            | meq/kg  | 35 max.     | 35 max.     | FPL-QP-T-20-55-Part-B-VIII      |
| Melting Point              | °C      | 252 ± 2     | 252 ± 2     | FPL-QP-DSC-20-55-Part-B-XVIII # |
| DEG                        | wt. %   | 1.5 max.    | 1.5 max.    | FPL-QP-GC-20-55-Part-B-XIII     |
| Weight of 20 Chips         | mg      | 300 ± 50    | 300 ± 50    | FPL-QP-W-20-55-Part-A-I         |
| Moisture (when packed)     | wt. %   | 0.25 max.   | 0.25 max.   | FPL-QP-E-20-55-Part-B-VI        |

# Determined using DSC second heating cycle.

### Packing

Resin can be supplied in 900 kg PP jumbo bags with LDPE liner at 20 bags per 20 ft FCL container as required.

### Contact Address

|   |  |
|---|--|
| Futura Polymers,<br>a division of Futura Polyesters Limited,<br>1-A Kamarajar Salai, Manali,<br>Chennai, India - 600 068. | <b>Tel</b> : + 91 44 25941313 – 17, 25941704 – 05<br><b>Fax</b> : + 91 44 25941615, 1054, 1566<br><b>e-mail</b> : futurach@futura-polyesters.com<br><b>Web</b> : www.futura-polyesters.com |
|---|--|

All products are under continual improvement. Rights are reserved to modify product/process without prior notice subject to performance criteria as per product data sheet