

### General Information

#### Description

- ◆ FL7000 is manufactured to be processed in conventional blown film equipment by CSTR Slurry process technology.
- ◆ Thanks to Bi-modal design of molecular composition, FL7000 offers both excellent processability and superior mechanical properties.

#### Additives

- ◆ Antioxidant

#### Applications

- ◆ Shopping Bag, Garbage Bag
- ◆ Industrial/ General Packing Film

### Physical Properties<sup>1</sup>

| Properties                    | Test Method | Nominal Value |                             |
|-------------------------------|-------------|---------------|-----------------------------|
| Melt Index, at 190°C/2.16kg   | ASTM D 1238 | 0.035         | g/10min                     |
| Density                       | ASTM D 1505 | 0.956         | g/cm <sup>3</sup>           |
| Tensile Strength at Break     | ASTM D 638  | 320           | kg/cm <sup>2</sup> 31.4 MPa |
| Elongation at Break           | ASTM D 638  | > 500         | %                           |
| Flexural Modulus              | ASTM D 790  | 10,000        | kg/cm <sup>2</sup>          |
| IZOD Impact Strength, at 23°C | ASTM D 256  | NB            | kg-cm/cm                    |
| VICAT Softening Point         | ASTM D 1525 | 124           | °C                          |
| ESCR                          | ASTM D 1693 | > 1,000       | F50 Hours                   |

#### Note

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications