

Technical Datasheet TG 641

1) Product Description:

Polyethylene Terephthalate fiber grade chips (normal viscous) is formed in the plant within five consecutive process stages. The stages are esterification, prepolycondensation and polycondensations.

2) Applications:

- Staple fiber
- Textile filament
- Spunbond
- Meltblown nonwovens

3) Typical data:

| Property | Test method | Unit | value |
|-----------------------------|----------------|----------|------------|
| Intrinsic Viscosity | Ubbelohde | dl/gr | 0.64+ 0.01 |
| DEG content | GC | %W | 0.9-1.3 |
| Color(CIE LAB) | Spectroscopy | l-value | >90 |
| | Spectroscopy | b- value | <4.2 |
| Carboxyl End Groups | Auto Titration | mmol/kg | <32 |
| Melting Point (DSC methode) | DSC | oC | 255+3 |
| Titanium Dioxide content | Spectroscopy | wt% | 0.034+0.06 |
| Water content | Karl-Fisher | wt% | <0.25 |
| Chip | - | g/100EA | <0.25 |

* Typical values not to be construed as specifications.

