

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.

