

Technical Datasheet

- **Grade Name:** PET- TG 645
- **Categories:** Polymer, Thermoplastic, Textile Polyethylene Terephthalate
- **Application:** Textile filament, Fibers, Beverage bottles, Spunbond nonwoven fabrics

Physical Properties			
Properties	Value	Unit	Test Method
Intrinsic Viscosity	0.64 ± 0.015	dl/g	Ubbelhode
DEG Content	1.4 ± 0.4	W%	GC
Carboxyl End Group	≤ 32	meq / Kg	Auto Titration
Melting Point	255 ± 3	°C	DSC
Water Content	≤ 0.3	W%	Karl-Fisher
Titanium Dioxide content	0.34 ± 0.06	W%	Spectroscopy
Chip Weight	2.2 ± 0.1	g/100EA	-
Color (CIE Lab)	≥ 90	L*	Spectroscopy
	≤ 4.5	b*	

Typical Properties: These values are not to be considered as product specifications.

