



## Technical Datasheet: BG 785

### Product Description:

Polyethylene Terephthalate bottle grade chips (highly viscous) is a condensation polymer produced by a continuous melt phase polymerization process followed by a solid state polymerization process, with an I.V of 0.75-0.85. The products has an excellent transparency and gloss, an outstanding gas barrier against oxygen and carbon dioxide and outstanding toughness and impact strength.

### Applications:

- Mineral Water
- Edible Oil
- Small Jars

### Typical data:

Property	Test method	Unit	value
Intrinsic Viscosity	Ubbelohde	dl/g	0.78 ± 0.02
DEG content	GC	%Wt	Max 2.0
Color (CIE LAB)	Spectroscopy	L*	≥90
Color (CIE LAB)	Spectroscopy	B*	≤2.0
Carboxyl End Group	Auto Titration	meq/kg	Max 32
Melting Point	DSC	°C	249 ±2
Acetaldehyde	Head space-GC	ppm	Max 1.0
Water content	Karl-fisher	% wt	Max 0.3