

## Technical Datasheet BG 845

### 1) Product Description:

Polyethylene Terephthalate bottle grade chips (highly viscous) is a condensation polymer produced by a continuous meltphase 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 oxygene and carbon dioxide, and outstanding toughness and impact strength.

### 2) Applications:

- CSD specially for tropical conditions
- Carbonated Water
- Large Bottles
- Agrochemicals
- APET Sheet
- Strapping

### 3) Typical data:

<b>Property</b>	<b>Test method</b>	<b>Unit</b>	<b>value</b>
Intrinsic Viscosity (IV)	UBBELHODE	dl/g	≥0.84
DEG content	GC	% Wt	Max 2.0
Color (CIE LAB)	SPECTROSCOPY	L*	≥ 90
	SPECTROSCOPY	B*	≤ 2
Carboxyl End Groups	AUTO TITRATION	meq/kg	Max 32
Melting Point	DSC	°C	249 ±3
Acetaldehyde (AA)	HEAD SPACE-GC	ppm	Max 1.0
Water content	KARL-FISHER	% wt	Max 0.3

\* Typical values not to be construed as specifications.

