

## Technical Datasheet BG 825 (BG820N)

### 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.

### Applications:

CSD specially for tropical conditions

Carbonated Water

Large Bottles

Agrochemicals

APET Sheet

Strapping

### Typical data:

Property	Test method	Unit	value
<b>Intrinsic Viscosity (IV)</b>	UBBELHODE	dl/g	0.82 ± 0.02
<b>DEG content</b>	GC	%Wt	Max 2.0
<b>Color (CIE LAB)</b>	SPECTROSCOPY	L*	≥ 90
<b>Color (CIE LAB)</b>	SPECTROSCOPY	B*	≤ 2.0
<b>Carboxyl End Groups</b>	AUTO TITRATION	meq/kg	Max 32
<b>Melting Point</b>	DSC	°C	249 ±2
<b>Acetaldehyde (AA)</b>	HEAD SPACE-GC	ppm	Max 1.0
<b>Water content</b>	KARL-FISHER	%wt	Max 0.3