

## Technical Datasheet BG821

### 1) Product Description:

Polyethylene Terephthalate (PET) 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 product has an excellent transparency and gloss, an outstanding gas barrier against oxygen and carbon dioxide, and outstanding toughness and impact strength.

### 2) Applications:

- CSD
- Carbonated Water
- Edible Oil
- Alcoholic Beverage
- Pharmaceuticals
- Wide Mouth Jars
- APET sheet
- Strapping

### 3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Intrinsic Viscosity (IV)	ZIMMER WN-B010-7040E	dl/gr	0.82
DEG Content	--	%wt	MAX 1.5
Color (CIE Lab)	ZIMMER WN-B010-7110E	L B	>90 <2
Carboxyl End Group	ZIMMER WN-B010-7090E	meq/gr	Max 32
Melting Point	ZIMMER WN-B010-7089E	°C	248
Acetaldehyde (AA)	ZIMMER WN-B010-9013E	ppm	<1
Water Content	ZIMMER WN-B010-7089E	%wt	<0.3

\* Typical values not to be construed as specifications.