

Technical Datasheet BG 841

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:

Property	Test method	Unit	value
Intrinsic Viscosity (IV)	ZIMMER WN-B010-7040E	dl/gr	0.84 ± 0.02
DEG content		%Wt	Max 1.5
Color (CIE LAB)	ZIMMER WN-B010-7110E	L	>90
		B	<2
Carboxyl End Groups	ZIMMER WN-B010-7090E	meq/gr	Max 32
Melting Point	ZIMMER WN-B010-7089E	°C	248 ±2
Acetaldehyde (AA)	ZIMMER WN-B010-9013E	ppm	<1
Water content	ZIMMER WN-B010-7089E	%wt	Max 0.3

* Typical values not to be construed as specifications.