



Technical Datasheet: BG821

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.

Applications:

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

Typical data:

Property	Test method	Unit	value
Intrinsic Viscosity (IV)	ZIMMER WNB010- 7040E	dl/gr	0.82
DEG Content	--	% wt	MAX 1.5
Color (CIE Lab)	ZIMMER WNB010- 7110E	L	>90
		B	<2
Carboxyl End Group	ZIMMER WNB010- 7090E	meq/gr	Max 32
Melting Point	ZIMMER WNB010- 7089E	°C	248
Acetaldehyde (AA)	ZIMMER WNB010- 9013E	ppm	<1
Water Content	ZIMMER WNB010- 7089E	% wt	<0.3