

## Polyethylene Terephthalate

### BG821

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.

**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.

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