

Technical Datasheet BG821 (BG820S)

: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 B	9.0 < 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 >