

## PET BG-821 (Bottle grade)

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

### 3)Typical Data

Parameter	Unit	Typical Value	Test method
Intrinsic Viscosity(IV)	dl/gr	0.82+0.02	ZIMMER WN-B010-7040E
DEG Content	% wt	Max 1.5	
Color(CIE Lab)	L	>90	ZIMMER WN-B010-7110E
	b	<2	
Carboxyl End Group	meq/gr	Max 32	ZIMMER WN-B010-7090E
Melting Point	°C	248+2	ZIMMER WN-B010-7089E
Acetaldehyde (AA)	ppm	<1	ZIMMER WN-B010-9013E
Water Content	% wt	<0.3	ZIMMER WN-B010-7089E

Typical Values : not to be construed as specifications

Producer: Shahid Tondguyan Petrochemical Co. Licensor: Zimmer-Buhler Packing:1000 Kg jumbo bag