

## NAME: PET BG-821 (Bottle grade)

### Product Description:

Polyethylene Terephthalate 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 IV of 0.75-0.85. The products have 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: (Table)

Parameter	Unit	Typical Value	Test method
Intrinsic Viscosity(IV)	dl/gr	0.82+0.02	ZIMMER WN-B010-7040E
DEG Content	%wt.	Max1.5	
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

**Packing:** 1000 Kg jumbo bag