

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 I.V of 0.75-0.85 .The products 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

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

Producer: Shahid Tondguyan Petrochemical Co.

Licensor: Zimmer-Buhler

Packing: 1000 Kg jumbo bag

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