



Technical Datasheet: BG820 S

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 0.75-0.82. The products has an excellent transparency and gloss, an outstanding gas barrier against oxygen and carbon dioxide, and outstanding toughness and impact strength. Polyethylene Terephthalate, bottle grade Applications: CSD, carbonated water, edible oil, alcoholic beverage, pharmaceuticals, wild mouth jars, APET sheet, strapping.

Applications:

- Container
- Bottle

Typical data:

Property	Test method	Unit	value
Intrinsic Viscosity (IV) (DL/G)	ISO 1628	dl/gr	0.82 ± 0.02
Melting Point	ASTM D3418	°C	249 ± 3
Color Parameter (L)	ASTM D6290	L	≤1
Color Parameter (B)	ASTM D6290	B	≥95
Ethylene Glycol Content	-	Wt%	≤1.5