



Technical Datasheet BG 781 (BG780S)

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:

Mineral Water

Edible Oil

Small Jars

Typical data:

Property	Test method	Unit	value
Intrinsic Viscosity (IV)	ZIMMER WN-B010-7040E	dl/gr	0.78+0.02
DEG Content		%Wt	Max1.5
Color(CIE LAB)	ZIMMER WN-B010-7110E	L	>90
Color(CIE LAB)	ZIMMER WN-B010-7110E	b	<2
Carboxyl End Groups	ZIMMER WN-B010-7090E	meq/gr	Max 32
Melting Point	ZIMMER WN-B010-7089E	°C	248+2
Acetaldehyde (AA)	ZIMMER WN-B010-9013E	ppm	<1
Water Content	ZIMMER WN-B010-7089E	%Wt	<0.3