

Technical Datasheet

- Grade Name: PET- BG 731
- Categories: Polymer, Thermoplastic, Polyethylene Terephthalate
- Application: Beverage Bottles, Edible Oil Bottle, Small Jar, Personal Care and Cosmetic Bottles, Pharmaceutical Packaging
- Features: Excellent transparency and gloss, Impact strength, outstanding gas barrier against oxygen and carbon dioxide and outstanding toughness.

Physical Properties			
Properties	Value	Unit	Test Method
Intrinsic Viscosity	0.74 ± 0.02	dl/g	ISO 1628-5 in combination with NVPET05
DEG	≤2	wt%	ASTM E2409-4 in combination with WN- B010-9008E
Carboxyl End Group	≤32	meq / Kg	ASTM D7409-7 in combination with WN- B010-7013E
Melting Point	248±2	°C	ASTM D3418-3 in combination with WN- B010-7089E
Water Content	≤1.5	wt%	ASTM D6869-3 in combination with WN- B010-7159E
Acetaldehyde	≤1.0	ppm	ASTM F2013-5 in combination with WN- B010-9013E
Color (CIE Lab)	≥95	L*	ASTM D6290-5 in combination with WN- B010-7110E
	≤1.0	b*	

Note:

1. Color Determined after Crystalization & grinding.
2. Moisture be determined before packing.

Typical Properties: These values are not to be considered as product specifications.

