

Technical Datasheet

- **Grade Name:** PET- BG 781 (Bottle Grade)
- **Categories:** Polymer, Thermoplastic, Polyethylene Terephthalate
- **Processing Method:** Blow molding
- **Application:** Mineral Water, Edible Oil, Small Jars

Physical Properties			
Properties	Value	Unit	Test Method
Intrinsic Viscosity	0.78 ± 0.02	dl/g	ISO 1628-5 in combination with NVPET05
DEG	≤1.5	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	249±3	°C	ASTM D3418-3 in combination with WN- B010-7089E
Water Content	≤0.3	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)	≥90	L*	ASTM D6290-5
	≤2.0	b*	in combination with WN- B010-7110E

Note: Color Determined after Crystallization & grinding.

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

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