

Technical Datasheet

- **Grade Name:** PET- BG 821
- **Categories:** Polymer, Thermoplastic, Polyethylene Terephthalate
- **Processing Method:** Blow molding
- **Application:** Storage Container & tank, Bottles
- **Features:** Very good clarity and gloss, High toughness, very resistant to the penetration of oxygen and carbon dioxide

Physical Properties			
Properties	Value	Unit	Test Method
Intrinsic Viscosity	0.82 ± 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 in combination with WN-B010-7110E
	≤2.0	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.

