Always there is a SOLUTION!





Technical Datasheet

Grade Name: PET- BG 821

Categories: Polymer, Thermoplastic, Polyethylene Terephthalate

o 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

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	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	
		≤2.0	b*	in combination with WN-B010-7110E	

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.

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