

TN080FBP

Post Consumer Recycled Polyethylene Terephthalate Resin

Special Characteristics : TN080FBP is recycled polyethylene terephthalate which is a post-consumer material. This grade is superior product quality and used for bottle applications. Recycled plastic source is from unpigmented post-consumer recycle PET food and beverage bottles from domestic waste only.

Typical Applications : Food, Beverages and Drinking water bottle applications.

Typical Properties :

Properties	TN080FBP	Unit	Test Method
Physical Properties			
Intrinsic Viscosity (IV)	0.80±0.03	dl/g	Relative to ASTM D4603
Acetaldehyde (AA)	Max 1.0	ppm	ENV-Method
Moisture Content	Max 0.2	%	ENV-Method
Color Properties			
L*	Min 68	-	CIELAB
b*	Max 1.0	-	CIELAB

Recommendation:

Barrel Temperature : 270 - 295 °C

Drying : 160 - 170 °C, 4 - 6 hrs.

FDA Statement :

Complies with Food and Drug Administration US FDA 21 CFR 177.1630, Commission Regulation (EU) 10/2011 and Thai-FDA under MOPH Notification No. 435 B.E. 2565 (2022) both process assessment and product testing.

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Note : Properties reported here are typical values of the product, not to be considered as specifications.
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Manufacturer: ENVICCO Limited (Thailand)