



Dongguan Dingzhi Polymer Materials Co., LTD
Shenzhen Yongprosper Industrial Co., LTD

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Technical Datasheet

Material: Copolymer (PET)		
Application: Drinking water bottle	Features: Good color value · Odorless	
Physical property	Value	Unit
Density	1.40	g/cm ³
Ash	0.02	%
Relative Viscosity	0.809	dL/g
DEG Content	1.3	%
Acetaldehyde Content	0.6	ug/g
Moisture Content	0.06	%
-COOH Content	23	mmol/kg
Powder Content	13	mg/kg
Heterochromatic particles	None	particles/500
Optical performance	Value	Unit
Color b*	-1.4	
Color L*	84	
Thermal	Value	Unit
Melting Temperature	248	°C
Crystallinity	51.9	%
Material Shape: Pellets;		
Color: IV		
Remark		

1-The above data are actual values measured by the company's internal testing center and are for reference only.

2-Please do the sample testing before bulk production. to confirm the material is suitable for buyer's applicable processes, uses and standards.

3-The performance of the product may vary due to mold design and machine design.

4-Dingzhi Polymer offer online technical support for 24x7.