



## Wankai PET bottle grade

### WK-801

© Polyethylene Terephthalate (PET) WK-801 for water bottle grade  
"WANKAI" Brand "WK-801" PET chip is TPA-based polyethylene terephthalic copolymer designed for various applications, especially for the bottle like drinking water & food container. It is a high molecular weight polymer.

WK-801 is low acetaldehyde content, good color, viscosity stability and low heavy metal content features, excellent further processing features like low processing temperature, high clarity and little degradation.

Parameter	Unit	Value	Limits
Intrinsic Viscosity (Foreign Trade)(I.V.)	dl/g	0.80	±0.02
Acetaldehyde Content	ppm	1	Max
Color (L-value)	--	83	Min
Color (B-value)	--	-0.5	Max
Melting point	°C	243	±2
Moisture Content	wt%	0.4	Max

#### ◆ IMPORTANT NOTICE FOR USE IN PROCESSING

##### Drying

Drying is necessary prior to the melt processing to prevent the resin from hydrolysis. Typical drying conditions are an air temperature of 170°C±10°C, 4-6 hours residence time.