

## Wankai PET bottle grade

### WK-801

© Polyethylene Terephthalate (PET) WK-801 for water bottle grade

WK801 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 with an 0.80 intrinsic viscosity.

WK801 is characterized by low acetaldehyde content, good color value and superior I.V. stability. WK801 has excellent further processing features like low processing temperature, high clarity and little degradation.

The following table provides the Parameters that characterize the grade.

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 160-180°C, 4-6 hours residence time.