



## Wankai PET bottle grade WK-851

© Polyethylene Terephthalate (PET) WK-851 for fast reheat grade

“WANKAI” Brand "WK851" PET resin bottle grade is TPA-based polyethylene terephthalic copolymer. It is a high molecular weight polymer giving enhanced properties for reheat blow stage of bottle production.

Keeping the similar properties of WK881, it is characterized by lower energy consumption but higher production rate during bottle production. Because of the additive, it looks darker, but the final bottle keeps the clarity as WK881's.

The following table provides the parameters that characterize the grade.

Parameter	Unit	Value	Limits
Intrinsic Viscosity (Foreign Trade)(I.V.)	dl/g	0.875	± 0.02
Acetaldehyde Content	ppm	1	Max
Color (L-value)	--	72	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 160-175°C, 4-6 hours residence time.