

## Wankai PET bottle grade

### WK-881

© Polyethylene Terephthalate (PET) WK881 for SCD grade

"WANKAI" Brand "WK881" PET resin bottle grade is TPA-based polyethylene terephthalic copolymer. It is a high molecular weight polymer for general use in manufacturing containers. It can be used in the production of making packing bottles for carbonated soft drink like cola and 3-gallon big bottles.

Bottles made from WK881 resin can meet the requirements of high optical clarity and glossing, good barrier properties to oxygen, carbon dioxide and moisture. And prolong the shelf life and prevent the possible bottle cracking during transportation.

The following table provides the parameters that characterize the grade

Parameter	Unit	Value	Limits
Intrinsic Viscosity (Foreign Trade)(I.V.)	dl/g	0.85	±0.02
Acetaldehyde Content	ppm	1	Max
Color (L-value)	--	84	Min
Color (B-value)	--	1	Max
Melting point	°C	243	±2
Moisture Content	wt%	0.4	Max
Weight of 100 chips	g	1.55	±0.1

#### ◆ 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.