Wankai PET bottle grade

WK-881

◎ Polyethylene Terephthalate (PET) WK-881 for CSD bottle 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 requirement of high optical clarity and glossing, good barrier properties to oxygen, carbon dioxide and moisture. 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	0.875	±0.02
Acetaldehyde Content	ppm	1	Max
Color（L-value）	--	83	Min
Color（B-value）	--	-0.5	Max
Melting point	℃	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℃, 4-6 hours residence time.