



Wankai PET bottle grade WK-901

© Polyethylene Terephthalate (PET) WK-901 for bottle grade

"WANKAI" Brand "WK901" 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 5-gallon big bottles. .

Bottles made from WK901 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	0.87	± 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 160-175°C, 4-6 hours residence time.