



Wankai PET bottle grade

WK-821

© Polyethylene Terephthalate (PET) WK-821 for oil bottle grade

"WANKAI" Brand "WK-821" PET resin bottle grade is TPA-based polyethylene terephthalic copolymer. Its high clarity and sparkle make it well suited for the production of bottles and other containers. It is a high molecular weight polymer for general use in manufacturing containers. It can be used in the production of sheet, edible oil bottle, white wine bottle and some containers for medical & agrochemical purpose.

Bottles made from WK-821 resin can meet the requirements of high barrier properties, high chemical resistance and high crystallinity.

Parameter	Unit	Value	Limits
Intrinsic Viscosity (Foreign Trade)(I.V.)	dl/g	0.83	±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%	0.2	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.