

Wankai WK-821 PET Chips Oil Bottle Grade

WK-821 PET chip is TPA-based polyethylene terephthalic copolymer, with a 0.820 dl/g intrinsic viscosity. 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.

Wankai WK-821 can be used in the production of, edible oil bottle, sheet, 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.

Technical Specifications

Parameter	Unit	Value	Test method
Intrinsic Viscosity	dL/g	0.820±0.015	Q/WK007-2012
Acetaldehyde Content	µg/g	≤1.0	Q/WK007-2012
Color (L-value)	—	≥83.0	Q/WK007-2012
Color (b-value)	—	≤-0.5	Q/WK007-2012
Peak Temperature when Melting	°C	243± 2	Q/WK007-2012
Moisture Content	%	≤0.20	Q/WK007-2012

IMPORTANT NOTICE FOR USE IN PROCESSING

Drying is necessary prior to the melt processing to prevent the resin from hydrolysis.

Typical drying conditions are an air temperature of 170±/-10℃, 4-6 hours residence time.

Packaging



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