

Wankai WK-851 PET Chips Fast Reheat Bottle Grade

WK-851 PET chip is TPA-based polyethylene terephthalic copolymer. It is a high molecular weight polymer, giving enhanced properties for reheat blow stage of bottle production. The IV of product for domestic trade is 0.875dl/g, and 0.865 dl/g for foreign trade. Keeping the similar properties of WK-851, it is characterized by lower energy consumption but higher production rate during bottle production. Because of the additive, it looks darker, but the final bottle keeps the clarity as WK881's.

Technical Specifications

Parameter	Unit	Value	Test method
Intrinsic Viscosity	dL/g	0.875±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^o±/-10^o, 4-6 hours residence time.

Packaging



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