

Wankai WK-811 PET Chips Hot-filled Bottle Grade

WK-811 PET chip is TPA-based polyethylene terephthalic copolymer, with a 0.790 dl/g intrinsic viscosity.

Wankai WK-811 is characterized by its property of thermal resistance, and is designed specially for hot-filling bottles like tea, fruit-juice and other drinks required to be hot filled for sterilization.

Technical Specifications

Parameter	Unit	Value	Test method
Intrinsic Viscosity	dL/g	0.790±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	249± 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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