

Wankai WK-801 PET Chips Water Bottle Grade

WK-801 PET chip is TPA-based polyethylene terephthalic copolymer designed for various applications, especially for the bottle like drinking water & food container.

It is a high molecular weight polymer with an 0.80 intrinsic viscosity. WK-801 PET is characterized by low acetaldehyde content, good color value and superior I.V. stability.

WK-801 has excellent further processing features like low processing temperature, high clarity and little degradation.

Technical Specifications

Parameter	Unit	Value	Test method
Intrinsic Viscosity	dL/g	0.800±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 17°C+ / -10°C, 4-6 hours residence time.

PACKAGING



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