

## “Wankai” Brand PET Resin Super Bright Type WK-631

“Wankai” Brand WK-631 PET resin super bright type is a kind of high molecular polymer with narrow molecular weight distribution and stable intrinsic viscosity. The typical I.V. value is 0.64dl/g, It is designed specially for high transparency film and high quality polyester fiber/yarn with excellent strength and processing performance.

The product has high brightness, low impurity content and stable quality. It has good compatibility and wide adaptability to the processing equipment which can meet various production process requirements. It also has the advantages of stable processing performance and high yield.

The following table provides the parameters that characterize the type:

Parameter	Unit	Limits	Test method
Intrinsic Viscosity	dl/g	$0.64 \pm 0.01$	Q/WK033
-COOH	mmol/kg	$26 \pm 4$	Q/WK033
Melting Peak Point	°C	$254 \pm 2$	Q/WK033
Color (b-value)	--	$0.5 \pm 2$	Q/WK033
DEG content	%	$0.9 \pm 0.15$	Q/WK033
Moisture Content	%	$\leq 0.4$	Q/WK033

### IMPORTANT NOTICE FOR USE IN PROCESSING

#### Drying process:

If the moisture in the chip is not completely removed before processing, it will cause hydrolysis and then reduce the molecular weight of the chip and the performance of the final product; Please do the drying process before hot melting and the recommended drying temperature is  $165 \pm 10$  °C, drying time is 4-6 hours, or use the vacuum system with screw extruder to remove the moisture.