PETResinGlobal

Technical Data Sheet

Manufacturer:

Wankai

Product:

Super Bright PET Chips

Grade:

WK-631

Application:

BOPET film, high-performance polyester fiber and filament yarn.

Specifications:

The following table provides the parameters that characterize the type.

Parameter	Unit	Limits	Test Method
Intrinsic Viscosity	dL/g	0.640 ± 0.020	Q/WK033
Carboxyl End Group Content (-COOH)	mmol/kg	26 ± 4	Q/WK033
Melting Peak Temperature (DSC under Nitrogen)	°C	254 ± 2	Q/WK033
Color (b-value)	--	0.5 ± 2	Q/WK033
DEG Content	%	0.9 ± 0.15	Q/WK033
Moisture Content	%	≤0.40	Q/WK033

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

GLOBAL OFFICES

USA
2106 House Ave, Suite 712,
Cheyenne, Wyoming 82001, USA

SINGAPORE
20 Collyer Quay, #09-01,
Singapore 049319

UAE
Shams Business Center, Al Messaned,
Sharjah, UAE

PAKISTAN
T1 Horizon Tower, Com 2/6, Khayaban
-e-Saadi, Block 3 Clifton, Karachi, Pakistan

PETResinGlobal

Technical Data Sheet

Product Description:

Wankai WK-631 is a super bright PET resin widely used in BOPET film and high-performance polyester fiber and filament yarn. It has good color, low impurity content, and stable molecular weight and molecular weight distribution. It offers excellent processability and equipment compatibility, stable production, high production efficiency and high yield.

Important Notice for Use in Processing:

1. Storage: Keep the product in its intact packaging in a dry indoor warehouse at room temperature, away from direct sunlight. The product has no expiry date, but use within two years is recommended. Use immediately after opening.

2. Processing conditions: Residual moisture in the chips can cause hydrolysis during processing, reducing molecular weight and final product performance. Before melting, dry the chips at 165 ± 10°C for 4–6 hours, or remove moisture using a vacuum system with a screw extruder.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

GLOBAL OFFICES

USA
2106 House Ave, Suite 712,
Cheyenne, Wyoming 82001, USA

SINGAPORE
20 Collyer Quay, #09-01,
Singapore 049319

UAE
Shams Business Center, Al Messaned,
Sharjah, UAE

PAKISTAN
T1 Horizon Tower, Com 2/6, Khayaban
-e-Saadi, Block 3 Clifton, Karachi, Pakistan

www.petresinglobal.com

A Division Of Trimline Polymers

sales@petresinglobal.com +971-589-062082