

# WANKAI 万凯 Wankai PET bottle grade WK-821

## “Wankai” Brand PET Resin Bottle Grade Type WK-821

WK-821 PET chip is a TPA-based polyethylene terephthalic copolymer. It is characterized by its low AA content, good color value and superior I.V. stability and can meet the requirements of high strength or barrier properties, high chemical resistance and high clarity.

It can be used in the production of sparkling beverage, edible oil, wine, medicine bottles, sheet, and others which require thicker wall, bigger size.

◆ The following table provides the parameters that characterize the type.

| Index                      | Unit | Value | Limit  | Test Standard        |
|----------------------------|------|-------|--------|----------------------|
| Intrinsic Viscosity (I.V.) | dL/g | 0.830 | ±0.020 | Q/WK007- ISIRI 11610 |
| Acetaldehyde Content       | ppm  | 1.0   | max    | Q/WK007- ISIRI 11610 |
| Color (L-value)            | --   | 83.0  | min    | Q/WK007- ISIRI 11610 |
| Color (b-value)            | --   | -0.5  | max    | Q/WK007- ISIRI 11610 |
| Melting point              | °C   | 243   | ±2     | Q/WK007- ISIRI 11610 |
| Moisture Content           | %wt  | 0.20  | max    | Q/WK007- ISIRI 11610 |

## ◆ IMPORTANT NOTICE FOR USE IN PROCESSING

(1) Drying, typical drying conditions are an air temperature of around 170°C, Dew Point: 40°C, Melting temperature: 280–300°C;

(2) Storage, the resin shall be stored in dry, cool, clean rooms to prevent from direct sunlight.

(3) Length of Warranty, there is no warranty period of PET products, Recommend to use after open it as quickly as possible, and Whole bag better within two years.