



## Wankai PET bottle grade WK-811

### ◎ “Wankai” Brand PET Resin Bottle Grade Type WK-811

WK-811 PET chip is a TPA-based polyethylene terephthalic homopolymer. It is characterized by its property of thermal resistance, and is designed specially for hot-filling bottles like tea, fruit-juice, sauce/vinegar and other bottles which are required to be hot filled under the temperature below 90℃.

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

| Index                      | Unit | Value | Limit   | Test Standard |
|----------------------------|------|-------|---------|---------------|
| Intrinsic Viscosity (I.V.) | dL/g | 0.790 | ± 0.020 | Q/WK007       |
| Acetaldehyde Content       | ppm  | 1.0   | max     | Q/WK007       |
| Color (L-value)            | --   | 83.0  | min     | Q/WK007       |
| Color (b-value)            | --   | -0.5  | max     | Q/WK007       |
| Melting point              | ℃    | 249   | ± 2     | Q/WK007       |
| Moisture Content           | %wt  | 0.20  | max     | Q/WK007       |

### ◆ IMPORTANT NOTICE FOR USE IN PROCESSING

- (1) Drying, typical drying conditions are an air temperature of around 170℃, Dew Point: 40℃, Melting temperture: 280-300℃;
- (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.