



Bottle Grade PET Chip, Type BG802

BG802 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, high barrier properties, high chemical resistance and high clarity.

It can be used in the production of oil bottles, wine bottles, medicine bottles, sheet, etc.

The following table provides the parameters that characterize the type.

Index	Unit	Value	Limit	Test Standard
Intrinsic Viscosity (I.V.)	dl/g	0.830	±0.015	Q/YCFC
Acetaldehyde Content	µg/g	1.0	max	Q/YCFC
Color (L-value)	—	82.0	min	Q/YCFC
Color (b-value)	—	2.0	max	Q/YCFC
Melting point	°C	245	±2	Q/YCFC
Moisture Content	%wt	0.4	max	Q/YCFC

IMPORTANT NOTICE FOR USE IN PROCESSING

- (1) Drying: typical drying conditions are an air temperature of around 170°C, dew point of -40°C, melting temperature of 280–300°C.
- (2) Storage: the resin shall be stored in dry, cool, clean rooms to prevent exposure to direct sunlight.
- (3) Length of warranty: there is no warranty period for PET products. It is recommended to use the product as quickly as possible after opening; a whole bag is better used within two years.

