



中国石化
SINOPEC

SINOPEC Bottle Grade PET

● Sinopec Yizheng Chemical Fibre Co., Ltd. P. R. C

Bottle Grade PET Chip, Type BG80

BG80 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 purified water bottles, mineral water bottles, aseptic filling of juice or tea 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	0.800	± 0.015	Q/YCFC
Acetaldehyde Content	$\mu\text{g/g}$	1.0	max	Q/YCFC
Color (L-value)	—	82.0	min	Q/YCFC
Color (b-value)	—	2.0	max	Q/YCFC
Melting point	$^{\circ}\text{C}$	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: -40°C , Melting temperature: $280-300^{\circ}\text{C}$;
- (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.