



# JADE CZ-328H Big Bottle Grade PET Chips

## Product introduction

JADE CZ-328H bottle grade polyester chips are TPA-based polyethylene terephthalic copolymer. It is a high molecular weight polymer for general use in manufacturing containers. It can be used in the production of making 3-gallon and 5-gallon big bottles.

The brand of product features low heavy metal content, low content of acetaldehyde, good color value, stable viscosity and good for processing. With a unique process recipe and advanced production technology, strengthening the process control and quality management, the product has low temperature processing, wide scope in processing, excellent in transparency, high in strength.

## Technical index

Item	Unit	Index	Test method
Intrinsic Viscosity (Foreign Trade)	dL/g	$0.870 \pm 0.02$	ASTM D4603
Content of acetaldehyde	ppm	$\leq 1$	Gas chromatography
Color value	L	$\geq 82$	HunterLab
	b	$\leq 1$	HunterLab
Carboxyl end group	mmol/kg	$\leq 30$	Photometric titration
Melting point	°C	$243 \pm 2$	DSC
Water content	wt%	$\leq 0.2$	Weight method
Powder dust	Ppm	$\leq 100$	Weight method
Wt. of 100 chips	g	$1.55 \pm 0.10$	Weight method

## Typical processing conditions

Drying is necessary prior to the melt processing to prevent the resin from hydrolysis. Typical drying conditions are an air temperature of 160-180°C, 4-6 hours residence time, dew-point temperature below -40°C.

Typical barrel temperature about 275—293°C.

**Chemate Technology Co.,Ltd**

**Add:** NO.80 PUHUI ROAD,ZHENGZHOU CITY, HENAN PROVINCE, CHINA

**URL:** <https://www.chemategroup.com/jade-pet/>

**Email:** [sales@chemategroup.com](mailto:sales@chemategroup.com)

**Phone:** 0086-371-60921621

**Whatsapp:** +8618624832876