



# JADE CZ-318 Oil Bottle Grade PET Chips

## Product introduction

JADE CZ-318 bottle grade polyester chips is for small-package edible oil bottles, liquor bottles, medicine bottles, cosmetics bottles, PET sheets.

The brand of product features low heavy metal content, low content of acetaldehyde, good color value, stable viscosity. With a unique process recipe and advanced production technology, the product possesses excellent processing features, low processing temperature, wide scope in processing, excellent transparency and high in finished product rate.

## Technical index

Item	Unit	Index	Test method
Intrinsic Viscosity (Foreign Trade)	dL/g	$0.850 \pm 0.02$	GB17931
Content of acetaldehyde	ppm	$\leq 1$	Gas chromatography
Color value	L	$\geq 82$	HunterLab
	b	$\leq 1$	HunterLab
Garboxyl 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