



JADE CZ-328 CSD Bottle Grade PET Chips

Product introduction

JADE CZ-328/CZ-328A bottle grade polyester chips can be used in the production of making packing bottles for carbonated soft drink like cola and 3-gallon, 5-gallon big bottles.

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 ± 0.02	GB17931
Content of acetaldehyde	ppm	≤ 1	Gas chromatography
Color value	L	≥ 82	HunterLab
	b	≤ 1	HunterLab
Garboxyl end group	mmol/kg	≤ 30	Photometric titration
Melting point	°C	243 ± 2	DSC
Water content	wt%	≤ 0.2	Weight method
Powder dust	Ppm	≤ 100	Weight method
Wt. of 100 chips	g	1.55 ± 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.

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