

Technical Data Sheet

Manufacturer:

Jiangsu Sanfangxiang Group Co., Ltd.

Brand:

JADE

Product:

Bottle-Grade Polyester Chips

Grade:

CZ-333

Application:

Hot-fill tea, fruit-juice and other beverage bottles.

Specifications:

Item		Unit	Index
I.V.		dL/g	0.80 ± 0.02
Crystallinity		%	≤ 60
Color value	L	-	≥ 83
	b	-	≤ 1.0
Content of COOH		mol/t	≤ 26
Content of acetaldehyde		ppm	≤ 1.0
Dust content		ppm	≤ 100
Melting point		°C	250 ± 2
Wt. of 100 chips		g	1.55 ± 0.10

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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Product Introduction:

With increasing development of global economy and improvement of the people's living standard, various packing and bottle industry has been developed rapidly. The bottle-grade polyester chips are widely used with the advantages of no poison, no odor, no smell, excellent transparency, high strength & high isolation and good processing feature. Therefore, it becomes the preferred material for package bottles of drinking water, soft drink, non-drink and sheet material industry.

"JADE" Brand "CZ-333" bottle-grade polyester chips have been developed and produced specially for hot-filling bottles according to that tea drinks, fruit-juice drinks and other medium type drinks require to be hot bottled for sterilization. The 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 production technology, the brand of product, when being thermoformed in SIPA, SIDEL, ASB etc. primary bottle-making machines under general conditions, has high tropism rate, stable crystallinity and good fluidity with low stress-releasing rate in the whole bottle, stable thermal contraction rate and high finished product rate in making bottles, can satisfy the requirement of being bottled at about 90°C and protect drinks from discoloration or oxidization in storage period and prevent the deformation of the bottles.

By applying the most advanced technology from DuPont USA and process technology from Buhler Co., Ltd. Switzerland, whose all equipments were imported abroad. The company always strictly organizes production and management based on the requirements stipulated in ISO 9001 Quality Guarantee System. The quality of "JADE" Brand bottle-grade polyester chips is reliable and worthy to be trusted by all customers.

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