



Tunhe TH104 PET Chips Technical Data Sheet

TH104 PET chips is mainly used in CSD bottles, sparkling beverage bottles.

Technical Specifications

Item	Unit	TH104 CSD bottle grade
Intrinsic Viscosity	dl/g	0.870±0.015
Color	L-Value	≥84
	B-Value	≤0
Melting Point	°C	245±2
Acetaldehyde Content	mg/kg	< 1.0
Density	g/cm3	1.4±0.01
Terminal Carboxyl Group	mol/t	≤35
Ash Content	%	≤0.05
Powders	mg/kg	≤50
Moisture Content	%	≤0.2
Hundred-Granule-Weight	g	1.7±0.2
DEG Content	%	1.4±0.2

Applications

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Precautions for use

1. Storage method: PET material is water-absorbent, therefore, it is recommended to store the entire package indoors.
2. Shelf life: PET products have no shelf life and can be used immediately after opening the package. It is recommended that the entire package be used within two years.
3. Use recommendations : PET pellets are sensitive to water at high temperatures. Excessive moisture may reduce the mechanical properties of the final product. Therefore, they need to be dried before use. The recommended drying conditions include a drying temperature of about 170°C, a drying dew point of -40°C, and a melting temperature of 280°C-300°C