

Technical Data Sheet

Manufacturer:

Yisheng Dahua Petrochemical Co., Ltd.

Product:

Polyester Chips for Bottle Grade

Grade:

YS-W01 For Water Bottle

Application:

Water bottles, bottles, film and thermoformed containers.

Specifications:

No.	Item	Range	Unit	Test Method
1	Intrinsic Viscosity	0.80±0.015	dl/g	GB/T 17931-2018
		0.78±0.015		ASTM
2	Melting Point	249±2	°C	GB/T 17931-2018
3	Acetaldehyde Content	≤1.0	ug/g	GB/T 17931-2018
4	COOH Content	≤35	mol/t	GB/T 17931-2018
5	Color (B-value)	≤0	b-value	GB/T 17931-2018
	Color (L-value)	≥82	L-value	GB/T 17931-2018
6	Diethylene Glycol (DEG) Content	1.3±0.2	wt%	GB/T 17931-2018
7	Moisture	≤0.2	wt%	GB/T 17931-2018
8	Ash	≤0.05	%	GB/T 17931-2018
9	Dust	≤50	mg/kg	GB/T 17931-2018
10	100 Particles Weight	1.45-1.65	g	GB/T 17931-2018
11	Density	1.395±0.01	g/cm3	GB/T 17931-2018

Remarks:

The specification describes a grade of clear co-polyester in the form of pellets which meets all of the requirements when tested as directed by the referenced methods.

YS-W01 is a general purpose, non-reheat PET resin for bottles, film, thermoformed containers and other transparent applications.

YS-W01 is ideally suited for food packaging applications and is considered in compliance with GB-17931, FDA 21 CFR 177.1630, Commission Regulation (EU) No.10/2011.

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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