

Technical Data Sheet

Manufacturer:**Hainan Yisheng Petrochemical Co., Ltd.****Product:****Polyester Chips for Bottle Grade****Grade:****YS-Y01****Date:****JAN 15,2023****Specifications:**

No.	Item	Test Method	Unit	Range
1	Intrinsic Viscosity (IV)	GB/T 17931-2018	dl/g	0.83±0.015
		ASTM		0.81±0.015
2	Melting Point	GB/T 17931-2018	°C	248±2
3	Acetaldehyde	GB/T 17931-2018	ug/g	<1.0
4	COOH Content	GB/T 17931-2018	mol/t	≤35
5	Color (B-value)	GB/T 17931-2018	b-value	<0
	Color (L-value)	GB/T 17931-2018	L-value	≥82
6	Diethylene Glycol (DEG) Content	GB/T 17931-2018	wt%	1.3±0.2
7	Moisture	GB/T 17931-2018	wt%	≤0.2
8	Ash	GB/T 17931-2018	%	≤0.05
9	Dust	GB/T 17931-2018	mg/kg	≤50
10	Impurities (Discolored Pellets)	GB/T 17931-2018	pellet /500g	0
11	Density	GB/T 17931-2018	g/cm3	1.395±0.01
12	Weight of 100 Granules	GB/T 17931-2018	g	2.0±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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