

Technical Data Sheet

Manufacturer:

Yisheng Dahua Petrochemical Co., Ltd.

Product:

Bottle Grade PET Resin - Quality Inspection Report

Grade:

Y1-W01

Type:

Water Bottle Chips

Specifications:

Item	Specification		Result	Remark
	Premium Grade	Qualified Grade		
Intrinsic Viscosity	0.800±0.015 dl/g	0.800±0.020 dl/g	0.813	
Acetaldehyde	<1 ug/g		0.7	
Carboxyl Content	≤35 mmol/kg		25	
Color (L Value)	≥82	≥80	88.1	
Color (B Value)	<0	≤2.0	-2.6	
Melting Point (DSC)	249±2.0 °C		248.1	
Crystallinity	≥45%		57	
Diethylene Glycol (DEG) Content	1.4±0.2 %(wt)	1.4±0.3 %(wt)	1.2	
Moisture	≤0.2 %(wt)		0.05	
Ash Content	≤0.05 %(wt)		0.02	
100 Particles Weight	1.45-1.65g		1.60	
Density	1.395±0.01 g/cm		1.395	
Discolored Particles	None (particles/500g)	≤1 (particles/500g)	None	
Powder	≤50 mg/kg		8	
Sensory Properties	White granules, with no off-taste, off-odor or foreign matter.		White granules, with no off-taste, off-odor or foreign matter.	

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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-e-Saadi, Block 3 Clifton, Karachi, Pakistan

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Report Details:

Batch Number: Y1-W01-211221

Document Code: R-TD-305-C

Sample Receipt / Manuf. Date: 2021-12-22

Report Date: 2021-12-22

Execution Standard:

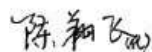
GB/T 17931-2018 - Polyethylene terephthalate (PET) resin for bottles.

National Food Safety Standard:

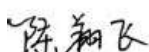
Diethylene glycol and isophthalic acid-modified polyethylene terephthalate copolymer - GB4806.6-2016 (CAS No.: 25038-59-9).

Conclusion: Premium Grade

Approved by:



Checked by:



Printed by:

Lin Sen

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