



NO.262Haibinlvyou Road,Dalian Development Zone Dalian,PR CHINA

## TECHNICAL DATA SHEET

### POLYESTER CHIPS FOR BOTTLE GRADE (YS-W01) FOR WATER BOTTLE

NO.	ITEM	项目	TEST METHOD	UNIT	RANGE
1	I/V	特性粘度	GB/T 17931-2018	dl/g	0.80±0.015
			ASTM		0.78±0.015
2	MELTING POINT	熔点	GB/T 17931-2018	°C	249±2
3	ACETALDEHYDE	乙醛含量	GB/T 17931-2018	ug/g	≤1.0
4	COOH CONTENT	端羧基	GB/T 17931-2018	mol/t	≤35
5	COLOR	色值-B值	GB/T 17931-2018	b-value	≤0
		色值-L值	GB/T 17931-2018	L-value	≥82
6	DEG	二甘醇含量	GB/T 17931-2018	wt%	1.3±0.2
7	MOISTURE	水份	GB/T 17931-2018	wt%	≤0.2
8	ASH	灰份	GB/T 17931-2018	%	≤0.05
9	DUST	粉末	GB/T 17931-2018	mg/kg	≤50
10	100 Particles Weight	百粒重	GB/T 17931-2018	g	1.45-1.65
11	DENISITY	密度	GB/T 17931-2018	g/cm3	1.395±0.01

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 .