

The Factory Indicators of PET (Bottle Grade) Resin from Hainan Yisheng Petrochemical Company

NO	Items		YS-W01 (Water)	YS-H01 (Hot filling)	YS-Y01 (Oil)	YS-C01 (CSD)		YS-F01 (Fast-Reheat)	
			Qualified Product	Qualified Product	Qualified Product	Superior grade	Qualified Product	Superior Grade	Qualified Product
1	Intrinsic Viscosity (dl/g)		0.800±0.020	0.780±0.020	0.830±0.020	0.865±0.015	0.865±0.020	0.850±0.015	0.850±0.020
2	Acetaldehyde (μ g/g)		≤1						
3	Color	b	≤1						
4		L	≥80					≥74	
5	Diglycol (Mass fraction) %		1.3±0.30	1.2±0.30	1.3±0.30	1.3±0.20	1.3±0.30	1.3±0.20	1.3±0.30
6	Carboxyl End Group m mol/kg		≤35						
7	Peak Melting point (DSC method)		248±2	250±2	246±2	248±2	248±2	248±2	248±2
8	Grainy Appearance	Powder mg/kg	≤100						
9		Heterochromous Grain Individual/500g	Without	Without	Without	Without	Without	Without	Without
10	Water content (Mass fraction) %		≤0.4						
11	Density g/cm ³		1.40±0.01						
12	Ash content (Mass fraction) %		≤0.08						