

# Unilong Industry Co., Ltd

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## PET specification

Item	Unit	Grade	JL102	JL102B	JL102C	JL104	JL105	JL104H
		Application	Water bottle grade	Water bottle grade	Edible oil, beverage bottles	Sparkling beverage and CSD bottles grade	Hot-filling bottle grade	Rapid endothermic grade
		Test Method	Premium grade	Premium grade	Premium grade	Premium grade	Premium grade	Premium grade
Intrinsic Viscosity	Dl/g	GB/T17931-2018	0.800±0.015	M0±0.015	0.840±0.015	0.870±0.015	0.750±0.015	0.870±0.015
Color (L)	-		≥83	≥83	≥83	≥83	≥83	≥83
Color (B)	-		≤0	≤0	≤0	≤0	≤0	≤0
Melting Point	℃		248±2	M2±2	247±2	249±2	252±2	245±2
Content of Acetaldehyde	mg/kg		≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Density	g/cm3	GB/T17931-2018	1.40±0.01	1.40±0.01	1.40±0.01	1.40±0.01	1.40±0.01	1.40±0.01
Carboxyl End	mol/t		≤35	≤35	≤35	≤35	≤35	≤35
Ash Content	%	GB/T17931-2018	≤0.08	≤0.08	≤0.08	≤0.08	≤0.08	≤0.08
Powder	mg/kg		≤50	≤50	≤50	≤50	≤50	≤50
Water Content	%	GB/T17931-2018	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Weight of 100	gl		1.7±0.2	1.7±0.2	1.7±0.2	1.7±0.2	1.7±0.2	1.7±0.2
DEG	%	GB/T17931-2018	1.3±0.2	1.3±0.2	1.3±0.2	1.1±0.2	1.1±0.2	1.1±0.2