Wankai PET bottle grade
WK-801

◎ “Wankai” Brand PET Resin Bottle Grade Type WK-801

WK-801 PET chip is a TPA-based polyethylene terephthlic copolymer designed for various applications, especially for the bottles like drinking water or cold filling and other food containers.

WK-801 is characterized by its low AA content , good color value and superior I.V. stability.

WK-801 has excellent further processing features like low processing temperature, high clarity and little degradation.

◆ The following table provides the parameters that characterize the type.

Index	Unit	Value	Limit	Test Standard
Intrinsic Viscosity (I.V.)	dL/g	0.800	±0.020	Q/WK007
Acetaldehyde Content	ppm	1.0	max	Q/WK007
Color (L-value)	--	83.0	min	Q/WK007
Color (b-value)	--	-0.5	max	Q/WK007
Melting point	℃	243	±2	Q/WK007
Moisture Content	%wt	0.20	max	Q/WK007

◆ IMPORTANT NOTICE FOR USE IN PROCESSING

（1） Drying, typical drying conditions are an air temperature of around 170℃, Dew Point: 40℃, Melting tempreture: 280-300℃;

（2） Storage, the resin shall be stored in dry, cool, clean rooms to prevent from direct sunlight.

（3） Length of Warranty, there is no warranty period of PET products, Recommend to use after open it as quickly as possible, and Whole bag better within two years.

Wankai PET bottle grade
WK-801L

◎ "Wankai" Brand PET Resin Bottle Grade Type WK－801L

WK-801L PET chip is a TPA-based polyethylene terephthalic copolymer designed for various applications, especially for the bottles like drinking water or cold filling and other food containers.

WK-801L is characterized by its low AA content , good color value and superior I.V. stability.

WK-801L has excellent further processing features like low processing temperature, high clarity and little degradation.

◆ The following table provides the parameters that characterize the type.

Index	Unit	Value	Limit	Test Standard
Intrinsic Viscosity (I.V.)	dL/g	0.775	±0.020	Q/WK007
Acetaldehyde Content	ppm	1.0	max	Q/WK007
Color (L-value)	--	83.0	min	Q/WK007
Color (b-value)	--	-0.5	max	Q/WK007
Melting point	℃	243	±2	Q/WK007
Moisture Content	%wt	0.20	max	Q/WK007

◆ IMPORTANT NOTICE FOR USE IN PROCESSING

（1） Drying, typical drying conditions are an air temperature of around 170℃, Dew Point: 40℃, Melting tempreture: 280－300℃;

（2） Storage, the resin shall be stored in dry, cool, clean rooms to prevent from direct sunlight.

（3） Length of Warranty, there is no warranty period of PET products, Recommend to use after open it as quickly as possible, and Whole bag better within two years.

Wankai PET bottle grade
WK-811

◎ “ Wankai” Brand PET Resin Bottle Grade Type WK-811

WK-811 PET chip is a TPA-based polyethylene terephthalic homopolymer. It is characterized by its property of thermal resistance, and is designed specially for hot-filling bottles like tea,fruit-juice, sauce/vinegar and other bottles which are required to be hot filled under the temperature below 90℃.

◆ The following table provides the parameters that characterize the type.

Index	Unit	Value	Limit	Test Standard
Intrinsic Viscosity (I.V.)	dL/g	0.790	±0.020	Q/WK007
Acetaldehyde Content	ppm	1.0	max	Q/WK007
Color (L-value)	--	83.0	min	Q/WK007
Color (b-value)	--	-0.5	max	Q/WK007
Melting point	℃	249	±2	Q/WK007
Moisture Content	%wt	0.20	max	Q/WK007

◆ IMPORTANT NOTICE FOR USE IN PROCESSING

（1） Drying, typical drying conditions are an air temperature of around 170℃, Dew Point: 40℃, Melting tempreture: 280-300℃;
（2） Storage, the resin shall be stored in dry, cool, clean rooms to prevent from direct sunlight.
（3） Length of Warranty, there is no warranty period of PET products, Recommend to use after open it as quickly as possible, and Whole bag better within two years.

Wankai PET bottle grade
WK-821

◎ “ Wankai” Brand PET Resin Bottle Grade Type WK-821

WK-821 PET chip is a TPA-based polyethylene terephthalic copolymer. It is characterized by its low AA content , good color value and superior I.V. stability and can meet the requirements of high strength or barrier properties, high chemical resistance and high clarity.

It can be used in the production of sparkling beverage, edible oil, wine, medicine bottles, sheet, and others which require thicker wall, bigger size.

◆ The following table provides the parameters that characterize the type.

Index	Unit	Value	Limit	Test Standard
Intrinsic Viscosity (I.V.)	dL/g	0.830	±0.020	Q/WK007
Acetaldehyde Content	ppm	1.0	max	Q/WK007
Color (L-value)	--	83.0	min	Q/WK007
Color (b-value)	--	-0.5	max	Q/WK007
Melting point	℃	243	±2	Q/WK007
Moisture Content	%wt	0.20	max	Q/WK007

◆ IMPORTANT NOTICE FOR USE IN PROCESSING

（1） Drying, typical drying conditions are an air temperature of around 170℃, Dew Point: 40℃, Melting tempreture: 280-300℃;

（2） Storage, the resin shall be stored in dry, cool, clean rooms to prevent from direct sunlight.

（3） Length of Warranty, there is no warranty period of PET products, Recommend to use after open it as quickly as possible, and Whole bag better within two years.

Wankai PET bottle grade
WK-851

◎ “ Wankai” Brand PET Resin Bottle Grade Type WK–851

WK–851 PET chip is a TPA-based polyethylene terephthalic copolymer. It is a high molecular weight polymer giving an enhanced properties during reheat blowing stage. it is characterized by its quicker reheating time, lower energy consumption, and higher productions rate & efficiency.

It can be used to make different types of sparkling beverage bottle, and has already been well accepted by different bottlers in the world.

◆ The following table provides the parameters that characterize the type.

Index	Unit	Value	Limit	Test Standard
Intrinsic Viscosity (I.V.)	dL/g	0.880	±0.020	Q/WK007
Acetaldehyde Content	ppm	1.0	max	Q/WK007
Color (L-value)	--	72.0	min	Q/WK007
Color (b-value)	--	-0.5	max	Q/WK007
Melting point	℃	243	±2	Q/WK007
Moisture Content	%wt	0.20	max	Q/WK007

◆ IMPORTANT NOTICE FOR USE IN PROCESSING

（1） Drying, typical drying conditions are an air temperature of around 170℃, Dew Point: 40℃, Melting tempreture: 280–300℃;

（2） Storage, the resin shall be stored in dry, cool, clean rooms to prevent from direct sunlight.

（3） Length of Warranty, there is no warranty period of PET products, Recommend to use after open it as quickly as possible, and Whole bag better within two years.

Wankai PET bottle grade
WK-881

◎ "Wankai" Brand PET Resin Bottle Grade Type WK-881

WK-881 PET chip is a TPA-based polyethylene terephthalic copolymer which is characterized by its low AA content, good color value and superior I.V. stability.

WK-881 has excellent barrier property which can prevent the leakage of CO2 inside the bottle and can meet the requirement of high clarity , low processing temperature.

It can be used to make different sparkling beverage and CSD bottles.

◆ The following table provides the parameters that characterize the type.

Index	Unit	Value	Limit	Test Standard
Intrinsic Viscosity (I.V.)	dL/g	0.875	±0.020	Q/WK007
Acetaldehyde Content	ppm	1.0	max	Q/WK007
Color (L-value)	--	83.0	min	Q/WK007
Color (b-value)	--	-0.5	max	Q/WK007
Melting point	℃	243	±2	Q/WK007
Moisture Content	%wt	0.20	max	Q/WK007

◆ IMPORTANT NOTICE FOR USE IN PROCESSING

（1） Drying, typical drying conditions are an air temperature of around 170℃, Dew Point: 40℃, Melting tempreture: 280-300℃;

（2） Storage, the resin shall be stored in dry, cool, clean rooms to prevent from direct sunlight.

（3） Length of Warranty, there is no warranty period of PET products, Recommend to use after open it as quickly as possible, and Whole bag better within two years.

Wankai PET bottle grade
WK-901

◎ "Wankai" Brand PET Resin Bottle Grade Type WK-901

WK-901 PET resin is a kind of high-molecular copolymer which features by its narrow molecular weight distribution and stable intrinsic viscosity. The modification enhances the fluidity and slows the crystallization rate, the perform & bottle will have an excellent performance.

WK-901 has excellent further processing features like high clarity, high barrier property and high strength. And it is characterized by its low heavy metal & AA content, good color, viscosity stability.

It can be used for the production of big size (like 5 gallon) bottle for edible oil or water, and sheet.

◆ The following table provides the parameters that characterize the type.

Index	Unit	Value	Limit	Test Standard
Intrinsic Viscosity (I.V.)	dL/g	0.870	±0.020	Q/WK025
Acetaldehyde Content	ppm	1.0	max	Q/WK025
Color (L-value)	--	83.0	min	Q/WK025
Color (b-value)	--	-0.5	max	Q/WK025
Melting point	℃	237	±2	Q/WK025
Moisture Content	%wt	0.20	max	Q/WK025

◆ IMPORTANT NOTICE FOR USE IN PROCESSING

（1） Drying, typical drying conditions are an air temperature of around 170℃, Dew Point: 40℃, Melting tempreture: 280–300℃;

（2） Storage, the resin shall be stored in dry, cool, clean rooms to prevent from direct sunlight.

（3） Length of Warranty, there is no warranty period of PET products, Recommend to use after open it as quickly as possible, and Whole bag better within two years.