

WIN-ZK ZK Series, CPVC

Chlorinated Polyvinyl Chloride (CPVC) is a product from chlorination of PVC. It improves the mechanical performance of heat distortion temperature and chlorine content increases from 57% to 63-69%. And Vicat softening temperature from 72-82°C to 90-125°C, its highest service temperature can reach 110°C and long-term service temperature can reach 95°C. It has very good heat resistance, excellent chemical resistance, corrosion resistance, and low smoke fire resistance. It is widely used in the production of hot water pipe, fire sprinkler system, corrosion resistant pipe or plate.

Specification
- CPVC Resins

Item	Unit	ZK-810	ZK-857	ZK-821
Application	-	Extrusion of hot water pipes	CPVC pipe fitting, other injection	PVC/CPVC Sheets and plates
Appearance	-	White powder	White powder	White powder
30-mesh Screening Rate	%	≥ 99	≥ 99	≥ 99
Volatile Content	%	≤ 0.5	≤ 0.5	≤ 0.5
Chlorinated Content	%	67 ± 0.5	66.5 ± 0.5	-
Thermal Decomposition	°C	≥ 120	≥ 120	100
Aging Whiteness	160°C, 10min	≥ 80	≥ 80	≥ 80
Packing 25kgs/bag in 20'FCL	Without Pallet	16 mts	17 mts	17 mts
	With Pallet	14 mts	14 mts	14 mts

- CPVC Compound

Item	Unit	ZK-965	ZK-957
Application	-	Extrusion of hot water pipes	Injection of hot water fittings, etc.
Appearance	-	Ivory	Ivory
Specific Gravity	kg/m ³	1450-1650	1450-1650
Vicat Soften Temperature	°C	≥ 110	≥ 110
Tensile Strength	MPa	≥ 50	≥ 50
Tensile Modulus	MPa	≥ 2450	≥ 2450
Charpy Impact	kJ/m ³	8.5	8.5
Packing 25kgs/bag in 20'FCL	Without Pallet	16 mts	16 mts
	With Pallet	14 mts	14 mts

Handling and Storage

- It should be stored in dry and ventilated place.
- Avoid moisture, sunlight and fire.
- Avoid to place together with other chemical products

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