AQUABOND
Chemistry for Tomorrow

Potassium Zirconium Carbonate

ZirCan™ KZC XL

Technical Data Sheet

Product Identification

- Product Name: ZirCan™ KZC XL
- Chemical Name: Potassium Zirconium Carbonate
- Synonyms: Potassium Zirconyl Carbonate
  PZC, KZC
- CAS Number: 23570-56-1
- Appearance: Colourless liquid

Product Description

ZirCan™ KZC XL is a clear alkaline aqueous solution of low molecular weight crosslinker, Potassium Zirconium Carbonate, with no odour.

ZirCan™ KZC XL is a reactive crosslinker, and binder insolubilizer for paper and paperboard coatings, inks, paints, and adhesives.

Product Properties

- Solids content: 50 – 60 %
- Specific Gravity: 1.50 – 1.65 g/mL (25 °C)
- Viscosity: 5 cps (25 °C)
- pH: 9.0 – 11.0

Packaging:

- Tight-heads, 25 kg
- Drums, 300 kg
- Totes, 1500 kg
- Bulk Tanker

Applications

- Crosslinker and binder insolubilizer for paper and paperboard coatings
- Effective crosslinker for multiple binders: CMC, Starch, Styrene Acrylic latex, Carboxylated latex, PVOH

Product Benefits

- Rapid curing through drying and evaporation of carbon dioxide
- Higher water resistance and printability
- Odour free
- Formaldehyde free

Storage and Handling:

Keep container tightly closed at ambient temperature (10 °C – 25 °C), protect from freezing.

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.
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