

Betolin[®] V 30

Thickener and stabilizer for aqueous coating systems

Chemical description

Betolin V 30 is an anionic readily biodegradable, swelling-retarded thickener based on polysaccharides.

Mode of action

Betolin V 30 satisfies the requirements imposed on a highly efficient thickener and stabilizer. It renders coating compositions pseudoplastic and counteracts sedimentation, serum formation, and reagglomeration of pigments and fillers.

Betolin V 30 is stable towards acids, alkalis, and heat. Its solutions can be prepared with cold or hot water. Combinations with other thickeners give rise to a higher level of viscosity. The amount to be used lies between 0,05 % and 0,3 % depending on requirements and the application.

Specification (average values)

Content of active substance:	approx. 85,0 %	007 *)
Bulk density:	approx. 750,0 g/l	042 *)
pH value (1 % in water):	approx. 7,0	008 *)
Appearance:	yellowish powder	

*) Internal method code – description available on request

Properties

- Thickener with structural viscosity,
- Stable towards acids, alkalis, and electrolytes,
- Readily biodegradable,
- Non-toxic and ecologically neutral,
- Stable to high and low temperatures,
- Inhibits separation and the formation of deposits,
- Dispersant effect,
- Improves the processing properties,
- Can be combined with other anionic and non-ionic thickeners,
- Reacts with trivalent metal ions.

Application

Betolin V 30 is used as a thickener and antisetling agent in aqueous systems. It offers benefits in paints, textured finishes, and adhesives.

Note

Aqueous solutions of Betolin V 30 are destroyed by microorganisms. Thus a preservative is recommended. Our Warocid 4261 is suitable for this purpose.

Storage

Betolin V 30 must be kept dry and stored in the original container. It has a shelf life of 12 months in the original container.

Labelling / Safety

Not subject to classification according to EC Guidelines and German Ordinance on Hazardous Materials (GefStoffV).

Packaging

25 kg paper bag

10/2015