

Borchers® Deca Potassium 12

Primary catalyst for rigid urethane foams, accelerator additive for unsaturated polyesters and pot life stabilizer for two-component PUR systems

Physical Characteristics

Metal content	K: 11.70 - 12.30 %
Non-volatile content	NA
Viscosity	10000 - 20000 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	1.080 - 1.120 g/cm ³ (20°C) ISO 2811-1

Features

- Potassium neodecanoate dissolved in diethylene glycol which combined with cobalt supports the accelerating effect in unsaturated polyesters dissolved in styrene
- Potassium neodecanoate is an effective primary trimerization catalyst for use in the production of rigid urethane foams
- Decreases discoloration of UPS-Systems caused by Cobalt
- Capable of stabilizing the rheological and the pot life behavior of waterborne 2-components PUR systems
- Completely miscible with water, alcohols and other polar solvents

Applications

- Rigid Urethane Foams
- Unsaturated polyesters in solvent-containing and water-based systems

Dosage

The approximate dosage is 0.2 - 1.0 %, relative to total formulation. The ideal dosage of Borchers® Deca Potassium 12 could be considerably different for different field of application and has to be determined in trials for each system.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C. Once opened, containers should be resealed immediately after each removal of the product. With prolonged storage of opened containers it is advisable to scavenge the vapour space above the product with nitrogen before resealing the containers.

Safety

Please refer to our safety data sheet for information relating to product safety.

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PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.