

Boltorn™ U3000



Description

- Boltorn™ U3000 is a fatty acid modified dendritic polymer with a large number of polyunsaturations.
- Highly branched polymer backbone and in average 14 unsaturated fatty ester groups/molecule
- Average molecular weight is 6500 g/mole.
- Low viscous, yellow liquid at room temperature.

Applications

- Binders for solvent-free alkyds, where no emission and rapid drying are required.
- Diluting alkyd resin, which combined with fatty acid esters, can give excellent emission control and good film properties.
- Alkyd resins, where good outdoor durability is required.
- Anti-blocking agent for waterborne coatings based on acrylics, vinyl- acrylic and vinyl-ethylene dispersions.

Delivery forms

- Steel drums 180 kg, 720kg/pallet

Storage

- Boltorn™ U3000 should be stored at room temperature. The containers should be properly sealed to avoid possible oxidative drying of the product.

Sales specification

Viscosity (23 °C, 30 s ⁻¹), Pas ¹	Max. 1.5
Non-volatile content, % ²	Min. 98
Acid number, mg KOH/g ³	Max. 10

Typical properties

Hydroxyl number, mg KOH/g ⁴	15
Polydispersity, Mw/Mn ⁵	1.5 *
Oil length, %	75 *

* Information only

Analytical Method

¹ PO 120-3, ² PO 109-8, ³ PO 110-6, ⁴ PO 100-9, ⁵ PO 137-2
Analytical methods are available on request

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