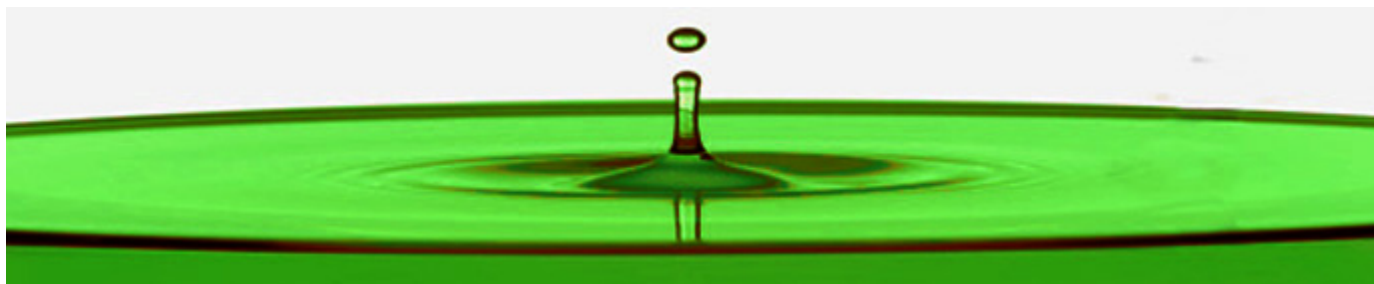


# Boltorn® P1000

## Development product



### Description

- Boltorn® P1000 is a dendritic polymer blend characterized by a high hydroxyl number.
- It is a viscous liquid at room temperature.

### Applications

- Boltorn® P1000 is primarily used as acrylate oligomer for UV-curing where labelling issues are of prime importance
- The acrylate of Boltorn® P1000 has exceptionally low viscosity yet high molecular weight.
- It allows oligomer-only formulations to be developed without the use of labelled monomers.
- The acrylate of Boltorn® P1000 can as such be used to yield “ready to go” coatings and has the following principal features:
  - excellent reactivity
  - good combination of hardness and flexibility (toughness) and excellent abrasion resistance
  - excellent chemical resistance and low water sensitivity
  - low extractables

### Delivery forms

- Steel drums 220 kg, 880 kg/pallet
- Containers (IBC) 1100 kg

### Storage

- Boltorn® P1000 is hygroscopic and should be stored at room temperature in a dry place.

### Sales specification

Hydroxyl number, mg KOH/g <sup>1</sup>	430-490
Acid number, mg KOH/g <sup>2</sup>	Max. 3

### Typical properties

Viscosity (23 °C, 30 s <sup>-1</sup> ), Pas <sup>3</sup>	5
Colour, APHA <sup>4</sup>	130

#### Analytical Method

<sup>1</sup> PO 100-9, <sup>2</sup> PO 110-4, <sup>3</sup> PO 120-3, <sup>4</sup> PO 105-4

Analytical methods are available on request

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