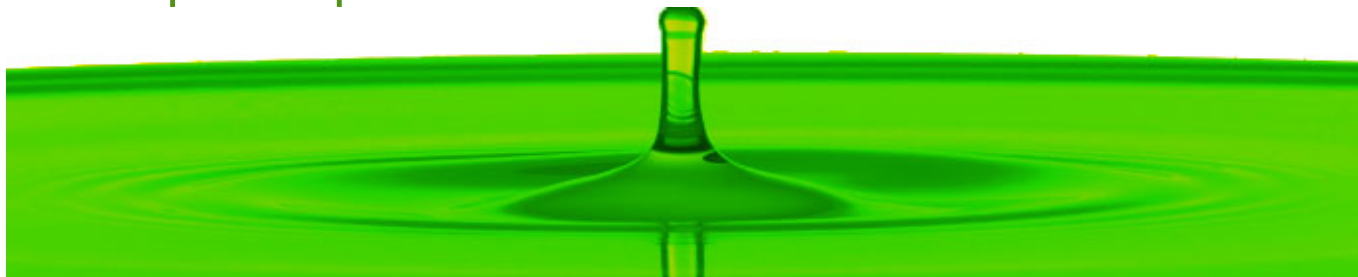


Boltorn™ H20

Development product



Description

- ⇒ Boltorn™ H20 is only intended as starting material for development of dendritic derivatives.
- ⇒ Boltorn™ H20 is a dendritic polymer with theoretically 16 primary hydroxyl groups.
- ⇒ Boltorn™ H20 has a highly branched polyester structure.
- ⇒ Boltorn™ H20 is an amorphous solid at room temperature and is delivered as crushed or solid
- ⇒ Boltorn™ H20 is produced in limited quantities and only against order.

Applications

- ⇒ Coatings
- ⇒ Plastics
- ⇒ The dendritic structure offers unique possibilities by combining excellent reactivity with low viscosity and enhanced mechanical properties.
- ⇒ Boltorn™ H20 is an excellent building block for designing novel products.
- ⇒ Its ability to promote dense branching of a polymer backbone without crosslinking is highly appreciated in many applications.

Delivery forms

- ⇒ Drums, solid 25 kg, 400 kg/pallet

Storage

- ⇒ Boltorn™ H20 is hygroscopic and should be handled to prevent moisture absorption.

Sales specification

Hydroxyl number, mg KOH/g ¹	490-530
Acid number, mg KOH/g ²	Max. 9

Typical properties

Molecular weight, M_w , g/mole ³	2100
Polydispersity, M_w/M_n ³	1.3
Viscosity (110 °C, 30 s ⁻¹), Pas ⁴	5
Glass transition temperature, T_g , °C *	30

*Information only

Analytical Method

¹ PO 100-9, ² PO 110-4, ³ PO 137-1, ⁴ PO 120-3,

Analytical methods are available on request

HS no.: 3907 99

Approved: 08 Jun 2016

Issue: 5

Approved by: PERSTORP\septpbth