

Boltorn™ H20

Part of your toolbox

Product Description

Boltorn™ is a range of dendritic polymers with extensive formulation possibilities. The extensive branching improves reactivity, lowers the viscosity and results in balanced mechanical properties.

Boltorn™ H20 is a dendritic polymer with theoretically 16 primary hydroxyl groups resulting in a highly branched polyester structure. It is a building block for designing unique products for coatings and plastic applications. Boltorn™ H20 is an amorphous solid at room temperature and is delivered as solid.

Segment Applications

Coatings and plastic applications

Delivery Forms

Drums 25 kg, 400 kg/pallet



Boltorn™ H20

Part of your toolbox

Sales Specification

Characteristics	Unit	Specification	Analytical Method ¹
Hydroxyl Number	mg KOH/g	490 – 530	PO 100-9
Acid number	mg KOH/g	Max. 9	PO 110-4

1. Analytical methods are available on request

General Characteristics

Characteristics	Unit	Typical Value ¹
Molecular weight, Mw	g/mole	2100
Polydispersity, Mw/Mn		1.3
Viscosity (150 °C, 30 s ⁻¹),	Pas	0.5
Glass transition temperature, Tg	°C	30

1. Typical values are for information only and not part of sales specification

Handling and Storage

Boltorn™ should be stored in sealed drums at ambient temperature, in a dry area protected from direct sunlight and the elements. Upon extended periods of storage, this product tends to absorb moisture if available. For this reason, it is important to store Boltorn™ in the original package.

HS No.: 3907 99

Effective date: December 3, 2020

USERS ARE ADVISED TO MAKE THEIR OWN INDEPENDENT DETERMINATION OF THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE. EXCEPT FOR WHAT IS STATED IN PERSTORP'S GENERAL CONDITIONS OF SALE OR SEPARATELY IN A WRITTEN CONTRACT WITH PERSTORP, NO INFORMATION PROVIDED IN THIS DATA SHEET CONSTITUTES A WARRANTY (EXPRESS OR IMPLIED) BY PERSTORP, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.