### Description
- Boltorn™ H311 is a dendritic polymer polyl with high hydroxyl functionality.
- Highly branched flexible backbone with a large number of primary hydroxyl groups.
- Contains 10% water and is a viscous liquid at room temperature.
- Excellent solubility in polyether polyols, glycols and polyalcohols.

### Applications
- Boltorn™ H311 is an effective load builder for High Firmness moulded foam and High Resilience (HR) slabstock foam.
- Can be used to replace copolymer polyols of styrene acrylonitrile (SAN) type or conventional type crosslinkers.
- Typically 2-3 times as efficient as SAN-type polymer polyols in providing compressive loads at given solids level.
- Higher efficiency of Boltorn results in foam formulations with lower total solids levels.
- Can provide exceptionally high FD or CFD loads, normally not obtainable with conventional flexible foam technology.
- Increases foam stability and allows for high firmness at low density.

### Storage
- Boltorn™ H311 should be stored at room temperature.

### Sales specification
- **Hydroxyl number, mg KOH/g**
  - 230-260 *
- **pH**
  - 6-7
- **Water content, %**
  - 9.5-10.5

### Typical properties
- **Molecular weight, Mw, g/mole**
  - 5700 *
- **Viscosity (23 °C, 30 s⁻¹), Pas**
  - 40

*water free product

### Delivery forms
- Containers (IBO) 1100 kg

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**Analytical Method**

- PO 100-9, PO 110-2, PO 109-2, PO 137-2, PO 120-3

Analytical methods are available on request

**HS no.: 3907 99**

**CAS no.: 462113-22-0**

Valid from: January 1, 2004/c

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