

Technical data sheet

® Madurit XT 805w/85WA

Characteristics

Nonionic, unmodified, methylolated melamine resin with high degree of etherification.

Application

Crosslinking agent for dispersions, consolidation of fabrics and fleeces, improvement of oil and water resistance.

Supply form

Highly concentrated, medium viscosity, almost colorless melamine resin solution.

Product data

(referring to the day of delivery by the manufacturer)

	Unit	Value
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These technical data are determined by our Quality Assurance Laboratory for each production batch (lot) before release.

Non-volatile content

(2 g, 1 h, 120 °C, tin plate, circulating air oven)	%	84.0 – 87.0
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Dynamic viscosity

DIN 53177 (23 °C)	mPa*s	3000 - 7000
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Technical information

(refers to the day of delivery by the manufacturer)

Dilutability with deionized water

(20 °C)	ml/g	> 15
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Free formaldehyde

DIN EN ISO 11402	%	< 0.6
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Storage stability

(at 20-25 °C)		up to about 1 year
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Properties

Madurit XT 805w/85WA improves as a crosslinker for polymer dispersions the durability, thermal stability and wash

resistance of textile and fleece finishes. It may also be applied as a binder for the manufacture of glass fleeces with excellent

strength, temperature resistance and light fastness.

Storage

Madurit XT 805w/85WA may be stored in Polyester, PE, PP or V2A steel containers.

At temperatures of 15-25°C, the resin shelf life in closed containers amounts to approx. 12 months. During this period, shifts

in technical data may be observed due to ageing effects. If exposed to higher temperatures, the resin may become unusable even before reaching the indicated storage time. Careful monitoring of stocks is therefore necessary

especially during summer time. The product is sensitive to low temperatures. At temperatures below 0 °C, it becomes highly viscous but reverts to its original state on being heated to room temperature.

Workplace safety and environmental protection

Information about working safety and environmental protection are available in the safety data sheet.

This information is based on our present state of knowledge and is intended to provide general guideline for our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a specific application. No legal liability shall be derived from it. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

In case of technical questions please contact: INEOS Melamines GmbH, MTS&D, Alt Fechenheim 34, D-60386 Frankfurt am Main, Tel.: 0 69 / 41 09 -20 40, Fax: 0 69 / 41 09 – 26 28.

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