

Technical data sheet

® Madurit XT 800w/50WA

Characteristics

Nonionic, modified, highly methylolated melamine resin with high degree of etherification.

Application

Crosslinking agent for low-formaldehyde pigment printing.

Supply form

50 % aqueous solution, almost colorless.

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)	%	48.0 – 52.0
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pH value

DIN 19260-63 (20 °C)		8.5 – 10.5
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Density

DIN 12791 Part 1+3 (20 °C)	g/ml	1.100 – 1.150
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Technical information

(refers to the day of delivery by the manufacturer)

Dilutability with deionized water

(20 °C)	ml/g	> 25
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Free formaldehyde

DIN EN ISO 11402	%	≤ 0,3
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Storage stability

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

The following properties of Madurit XT 800w/50WA should be emphasized:

- Improves the wet rub fastness and wash fastness of pigment prints

- Improved print paste stability, even at elevated temperatures (pH of the paste: approx. 8,5)

- Very low formaldehyde

content on the fabric.

Processing

Madurit XT 800w/50WA is used in both solvent-based and solvent-free pigment print pastes. Madurit XT 800w/50WA is used

in these pastes to improve the wet rub and wash fastness of pigment prints. Its effectiveness is particularly evident on prints on

woven or knitted fabrics made of synthetic materials, regenerated cellulose and blends of these fibers with cotton.

Storage

Madurit XT 800w/50WA can be stored in containers made of

polyester, PE, PP and stainless steel

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.

In case of questions regarding Marketing please contact: INEOS Melamines GmbH; Market Management, Alt Fechenheim 34, D-60386 Frankfurt am Main, Tel.: 0 69 / 41 09 – 23 41, Fax: 0 69 / 41 09 -26 28.
