

Technical data sheet

® Madurit XT 840w / 55WA

Characteristics

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

Application

Crosslinking agent for low-formaldehyde pigment printing.

Supply form

55 % aqueous solution, almost colorless.

Product data

(referring to the day of delivery by the manufacturer)

	Unit	Value
<i>These technical data are determined by our Quality Assurance Laboratory for each production batch (lot) before release.</i>		
Non-volatile content (2 g, 1 h, 120 °C, glass dish 3.5 cm diameter (DIN 12605))	%	54 - 56
pH value DIN 19260-63 (20 °C)		9 - 10
Density DIN 12791 Part 1+3 (20 °C)	g/ml	1.110 – 1.160
Technical information (refers to the day of delivery by the manufacturer)		
Dilutability with deionized water (20 °C)	ml/g	> 25
Free formaldehyde DIN EN ISO 11402	%	< 0.2
Storage stability (at 20-25 °C)		up to 12 months

Properties

The following properties of Madurit XT 840 w/55WA 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 840 w/55WA is used in both solvent-based and solvent-free pigment print pastes. Madurit XT 840 w/55WA 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 840 w/55WA can be stored in containers made of polyester, PE, PP and stainless

steel. The shelf life in closed containers at 20 – 25°C amounts to approx. 12 months.

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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