

UREA RESIN U 315-55 B



Urea-formaldehyde resin

Supply form:	55% solution in n-Butanol
Use:	For production of combined lacquers with acid curing, drying at environmental temperature.
Classification:	Meets the requirements of EU legislation.

CHARACTERISTICS

INDEXES	HOPMA
Appearance: (visually)	Homogeneous clear liquid
Gardner colour: (BNS ISO 4630)	max 2
Non-volatile substances content, 1 g/90°C/1h: (BNS EN ISO 3251)	55±1,5%
Conditional viscosity, DIN-4/20°C: (DIN 53211-4)	35-65 s
Acid number of 100% resin: (BNS EN ISO 3682)	max 3,5 mgKOH/g
Free formaldehyde content: (CM No. 42)	max 0,9 %
Compatibility (resin : solvent)	
- with n-heptane	min 1:1,8
- with white spirit (aromatic hydrocarbons content 18%)	min 1:3

OTHER INFORMATION

Viscosity Brookfield at 23°C: (ISO 2555)	150-250 mPa.s
Density at 20°C: (BNS ISO 2811-1)	0,97 g/cm ³
Flash point, closed cup: (BNS ISO 2719)	29°C
Solubility:	It dissolves in n-Butanol and other alcohols; aromatic hydrocarbons.
Application:	Urea resin U 315-55 B is used in combination with low and medium-oil alkyd resins in the production of acid-curing lacquers, drying at environmental temperature.
Package:	In metal barrels; plastic containers; cisterns made of stainless steel.
Storage:	Store in tightly sealed packages, in sheltered, dry and fireproof warehouses, protected from direct sunlight, at a temperature from 5°C to 30°C. Shelf life – 6 months from production date.
Hygiene, safety work and ecology:	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Urea resin U 315-55 B. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.

The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

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