

ATOLL UFS1010

PRODUCT DESCRIPTION UREA-FORMALDEHYDE HARDENER

Latent hardener for urea formaldehyde impregnation resins with long pot-life and high curing activity.

PRODUCT SPECIFICATION

- decreasing of pressing time (down to 20 sec. at 170 °C)
- accelerated condensation in drying oven
- no sagging of resin
- long pot-life of resins containing curing agents (up to 24 h)

CHEMICAL SPECIFICATION

· Form	liquid
· Colour	transparent colorless
· Odour	odourless
pH-range	6.00 – 9.00
· Melting point / melting range	-5°C - 0 °C
· Boiling point / boiling range	100 – 105°C
Flash point	no data available
· Density (20 °C)	1,00 - 1,10 g/cm ³
Viscosity (dynamic)	50 - 250 mPas DGF C-IV 7 (68)
Hoepppler; 20 °C)	

USAGE AREAS

UFS1010 can be used in all urea resins which are used for coating of support material such as chipboards, fibreboards and laminated plastic sheets.

INSTRUCTIONS

The hardener should be well mixed with the finished resin cooled to processing temperature. It is recommended to add curing agent to resins shortly before a new bath is required for impregnating.

The resin mix is adjusted to a turbidity time of 3–5 minutes at 100°C by adding the required quantity of approx. 0.5 % (relative to liquid resin)