

Urea Formaldehyde Concentrate (UFC85%)

Technical Data Sheet

Specifications:

Properties	Description
Appearance	Viscous liquid
Color	Clear or slightly yellowish (10APHA Max.)
Odor	Pungent typical formaldehyde odor
Urea	25±0.5 wt.%
Formaldehyde	60±0.5 wt.%
Water	Balance
pH	7.5-8.5
Boiling point	98-100°C (at 101.3 KPa)
Flash point	~ 80°C in closed cup
Vapor pressure (mmHg)	10 at 25°C ;31 at 39°C ;50 at 49°C
Specific gravity	About 1320 kg/m ³ at 25°C
Solubility	Water/Methanol/Ethanol
Viscosity at 25°C	200-600 cp
Refractive index	1.465-1.480
Ash	<0.1 wt.%
Chloride	<1 ppm
Methanol	<0.1 wt.%
Formic Acid	<0.01 wt.%
Iron content	<0.1 ppm
Weight proportional Methylal groups	Min 27%
Decomposition	Thermally stable to the usual temp and press
Storage Life at 25° C	6 Months