



**METAFRAX
CHEMICALS**

UREA FORMALDEHYDE CONCENTRATE

Application

The product is used for producing urea formaldehyde resins, for urea production as a free flowing agent.

Transportation and storage

The product is transported by all modes of transport in accordance with the rules of goods carriage, valid for this mode of transport. The product heating in winter time is done by heating water at temperature not more than 80 °C supplied to a tank jacket or naturally in the heated building. It is not allowed to heat with live steam. The product is stored in closed tanks made from stainless steel grade 12X18H10T, aluminium, carbon steel with the following coating by epoxy resin at +10 °C to +30 °C.

Manufacturer's guaranty

Guaranty period of storage to be 6 months from the manufacturing date, provided that all transportation and shipment rules are observed.

Purchasing of the product

Metafrax Chemicals
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Main physical and chemical features

| Parameter name | Norm | |
|--|---------------------------|-------------|
| | Grade A | Grade B |
| Appearance | Homogeneous viscous fluid | |
| Mass fraction of total formaldehyde, % | 59,5 – 60,5 | 56,0 – 60,0 |
| Mass fraction of total urea, % | 24,5 – 25,5 | 21,0 – 25,0 |
| Buffer capacity, ml, no more | 12 | 18 |
| Mass fraction of methanol, %, no more | 0,3 | |
| pH value | 7,0 – 9,0 | |
| Colour, APHA, no more | 10 | 40 |
| Viscosity at T° (20±0.5)° C, as per viscosimeter B3-246 (nozzle 4mm), c, no more | 80 | |
| Density at 20°C, kg/m ³ | 1257 – 1326 | |
| Refraction index at 20°C | 1,4429 – 1,4738 | |