



**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

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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	