

Urea formaldehyde liquid glue UFG60

It is classified as thermosetting adhesive polymer produced by a condensation polymerization reaction between urea and formaldehyde.

Due to its high reactivity and cost efficiency, it is the most popular binder for interior product.

Physical and chemical specifications

Parameter	Value	Unit
State	White viscous liquid	
Density	1.250 min	gm/cm ³
pH (20 ⁰ C)	8.0 – 9.0	pH units
Solid content	60 ± 2	%
Free formaldehyde	0.45 max	%
Gel time at 100 ⁰ C Using 3 % NH ₄ CL (20%)	60 – 90	sec
Viscosity	300 – 500	cps
Formaldehyde	28 ± 2	%
Urea	44 ± 2	%

Major application areas

- Prominent role in wood construction, whenever, strong structural joins are required.
- Manufacturing of interior particle board and plywood.
- Composite wood products such as MDF.
- Manufacture of laminated products.

Packing ,Handling & storage

Packing : • 1000 liter HDPE drums.
• 25.000 – 30.000 liter isolated tank.

Handling : Like any formaldehyde products, skin contact should be avoided. Hands should be thoroughly washed with soap and hot water at the end of the working day and before meals.

Storage : It should be stored in a tightly closed container in cool, dry place all times (4 weeks at 20⁰C).

