

## Formaldehyde and Formaldehyde based Resins

# Commercial Product List

Product Name	pH @25°C	Density @ 25°C	BSV <sup>(1)</sup> @ 25°C	Methanol Concentration	Formaldehyde Concentration	Properties	Processes/Applications
<b>Urea Formaldehyde resin</b>							
<b>UF 110</b>	7.70-8.50	1.275-1.290	280-420	~	~	Aqueous Urea Formaldehyde resin	Medium density fiberboard; Chipboard wood products
<b>UF 120</b>	7.70-8.50	1.275-1.290	280-420	~	~	Aqueous Urea Formaldehyde resin	Medium density fiberboard; Chipboard wood products
<b>UF 140</b>	7.70-8.50	1.275-1.290	280-470	~	~	Aqueous Urea Formaldehyde resin	Medium density fiberboard; Chipboard wood products
<b>UF 160</b>	7.70-8.50	1.275-1.290	410-750	~	~	Aqueous Urea Formaldehyde resin	Medium density fiberboard; Chipboard wood products
<b>UF 180</b>	7.70-8.50	1.275-1.290	450-700	~	~	Aqueous Urea Formaldehyde resin	Medium density fiberboard; Chipboard wood products
<b>Melamine Urea Formaldehyde resin</b>							
<b>MUF 110-150</b>	8.90-9.30	1.280-1.300	280-560	~	~	Aqueous Melamine Urea Formaldehyde resin	Medium density fiberboard; Chipboard wood products
<b>UmF F***</b>	8.50-9.10	1.270-1.280	280-560	~	~	Aqueous Melamine Urea Formaldehyde resin	Medium density fiberboard; Chipboard wood products
<b>Urea Formaldehyde concentrate</b>							
<b>UFC</b>	6.00-8.00	1.270-1.310	80-250	~	50.0-60.0	Aqueous Urea Formaldehyde Concentrate	Raw material; Preservative in animal feed
<b>Aqueous Formalin solution</b>							
<b>FA37/7</b>	< 4.30	~	~	6.5 – 8.0	36.5-37.5	Aqueous formalin solution	Chemical for binders and adhesives; Preservative in food and cosmetic industry and in some paints and coating products
<b>FA45%</b>	< 4.30	~	~	< 3.0	44.0-46.0	Aqueous formalin solution	Chemical for binders and adhesives; Preservative in food and cosmetic industry and in some paints and coating products

<sup>(1)</sup>Brooklyn Spindle Viscometer

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