

PRODUCT INFORMATION

INTRODUCTION

GP[®] 500A15 glass mat resin is a modified urea-formaldehyde resin binder specifically developed by Georgia-Pacific Chemicals LLC for wet-process glass matting used in the manufacture of roofing, flooring, and insulating materials. Latex modification of this product is not needed for standard glass mat products. GP 500A15 resin promotes wet and dry mat strength as well as mat flexibility and adhesion.

APPLICATIONS

Prior to use, GP 500A15 resin should be diluted with water or white water to the desired solids level. The diluted GP 500A15 resin is applied to the formed glass web which is then dried and cured.

STORAGE AND HANDLING

GP 500A15 resin should be stored in clean stainless steel or glass fiber containers at temperatures below 25°C. The resin should be used in areas with good ventilation. Additional information on the safe handling of GP 500A15 resin is in the Safety Data Sheet available from Georgia-Pacific Chemicals.

TYPICAL PROPERTIES

Type	Modified urea-formaldehyde resin
Appearance	Opaque off-white liquid
SSA Viscosity, cps @ 25°C	310 – 450
Non-Volatiles, %	59.0 – 61.0
Specific Gravity	1.23 – 1.25
pH @ 25°C	7.5 – 8.0
Water Dilutability @ 25°C	>15:1
Shipping Temperature, °C	15 – 25
Free Formaldehyde, %	0.30 maximum
Storage Life @ 25°C	21 days

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www.gp-chemicals.com