

MOLECULAR Chemical Systems™



Liquid Polyurethane Elastomer System Technical Data for PM-500-18

PM-500-18 is an MDI-based, urethane binder. It is designed for use in systems where extended processing times are required.

LIQUID Properties	
Property	PM-500-18
Viscosity @ 77 °F	< 600 cP
Specific Gravity (@ 77 °F)	1.11
Storage Temperature	60-80 °F
Shelf Life*	6 months
NCO (%)	17.5 - 18.5

*Shelf life dependent on storage conditions. Components should be stored in tightly capped containers with nitrogen blanketed head-space. Components should be stored in a temperature controlled environment of approximately 75°F. Avoid extreme temperatures and significant changes in temperature. Always have an MSDS available.

Carpenter Co.
Chemical Systems Division
Customer Service 800-444-5132
www.carpenter.com 2016-09-20

Ordering

Molecular Chemical Systems™ are available in bulk (tankwagon), totebin or 55-gallon drums. To place an order or obtain additional information, please call Customer Service at 800-444-5132

Safety

All sales of products manufactured by Carpenter Co. and described herein are made solely on the condition that our customers comply with applicable health and safety laws, regulations and orders relating to the handling of our products in the workplace.

Before using, please read all product labels and Material Safety Data Sheet for each product. A general Safety, Health and Toxicity bulletin is also available from Carpenter. All this literature, if presently not on your site, can be obtained from the Customer Service Representative.

Polyurethane products manufactured or produced from this liquid system may represent a serious fire hazard if improperly used or allowed to remain exposed or unprotected. The character and magnitude of any such hazard will depend upon a broad range of factors which are controlled and influenced by the manufacturing and production process, by the mode of application or installation and by the function and usage of the particular product. **Any flammability rating contained in this literature is not intended to reflect hazards presented by this or any other material under actual fire conditions. These ratings are used solely to measure and describe the products response to heat and flame under controlled laboratory conditions.** Each person, firm or corporation engaged in the manufacture, production, application, installation or use of any polyurethane product should carefully determine whether there is a potential fire hazard associated with such product in a specific usage, and utilize all appropriate precautionary and safety measures. In case of an emergency please call Chemtrec at 800-424-9300.

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