



Chemline PM105

Single Component MDI-Based Rubber Binder

Description

Chemline PM105 is a single component MDI-based rubber binder. It is designed to work as a moisture cured binder for rubber crumb in molded articles.

Typical Processing Conditions

For the best results, blend 90 – 96 parts of rubber crumb with 4 – 10 parts of **Chemline PM105** and transfer the mixture into the mold. For smaller rubber particles, the percentage of **Chemline PM105** needs to be increased to insure proper wetting of the particles. Exposure to warm humid air is necessary to produce a well cured part. Low humidity environments will result in lengthened cure times and/or incomplete strength of the final part. Exact blend and cure conditions are subject to the rubber particle size, temperature and humidity of the environment and the thickness of the final article.

Safety

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. Be sure to read SDS in its entirety prior to using **Chemline PM105**.

Packaging, Storage, & Shelf Life

Chemline PM105 is available in totes, 55-gallon drums and 5-gallon pails. Store in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

Liquid Prepolymer Properties

Property	Value
Physical State at 25°C	Yellow liquid
%NCO	12.9 - 13.5%
Viscosity	
24°C (75°F)	5,000 - 8,000 cps
35°C (95°F)	2,000 - 4,000 cps
43°C (110°F)	800 - 1,500 cps

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