



Technical Data Sheet

Chemical Name: PM-200

Product Introduction:

PM-200 is a mixture of isocyanate and diphenylmethane diisocyanate containing a certain amount of high functionality, and is a brown liquid at room temperature.

PM-200 can be widely used in the manufacture of polyurethane rigid foam insulation materials; It can also be used in isocyanurate foams, coatings, adhesives, anti-seepage plugging, structural foams, microporous integral skin foams, automobile bumpers, interior parts, high-resilience foams, synthetic wood and other fields. Due to its unique composition, it has good foam fluidity properties, and is also suitable for the manufacture of products with strict requirements for the fluidity of foaming stock solution.

Technical Indicators:

Test items	Specification
Appearance	Brown liquid
Viscosity (25°C) mPa•s	150~250
Isocyanate content (-NCO) %	30.5~32.0
Density (25°C) (g/cm ³)	1.220~1.250
Acidity %	≤0.030
Hydrolyzed chlorine %	≤0.20

Packing Specifications:

210 liter iron drum/250kg drum/Bulk

Precautions for Storage (use):

Due to its reactive chemical properties, PM-200 reacts easily with water to form insoluble ureas and release carbon dioxide, resulting in drums and increased viscosity. Therefore, during the storage process, it is necessary to ensure that the container is strictly dry and sealed and filled with dry nitrogen for protection.

PM-200 should be stored at room temperature (15°C~35°C) in a well-ventilated room with strict sealing; As the temperature decreases, the viscosity of PM-200 increases, which will affect the use. If the storage temperature is too low (below 5°C), it can lead to crystallization, so it is important to take care of freezing. As soon as crystallization occurs, it must be heated and melted immediately in the shortest possible time; The heating temperature of the material shall not exceed 70°C. Local overheating is strictly prohibited, as the product will decompose and produce gases at



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more than 230°C. It is recommended to use a hot air oven equipped with a drum device. After baking, the contents of the barrel must be mixed evenly. During the barrel baking process, close attention should be paid to the drum support points to prevent leakage due to wear and collision.

Long-term storage above 50°C should be avoided to avoid the formation of insoluble solids and increase viscosity.

Shelf Life:

The shelf life of PM-200 is 1 year from the date of manufacture, provided that it is stored in accordance with the specified storage conditions.

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