

Xthane IP-90

Aromatic Isocyanate Prepolymer

Product Description:

Xthane IP-90 is a modified diphenylmethane diisocyanate (MDI) terminated polyether prepolymer used in a variety of urethane product applications. As with all polyurethane products, application and field testing are necessary to determine suitability of the selected product or product combination for each specific application.

Typical Properties of IP-90			
Functionality, f	2		
NCO, %	8.6 – 8.9		
Specific Gravity @ 25°C	1.05	Flash Point	500°F (260°C)
Appearance @ 25°C	Clear to slightly opaque liquid	Color	Light yellow

Storage and Handling:

Containers should be kept tightly closed to prevent moisture contamination. Do not reseal if contamination is suspected. Use of a dry nitrogen blanket for partial drums is recommended. Storage temperatures for Xthane IP-90 should be maintained between ambient and 90°F (32°C).

Do not breathe aerosol or vapors. Exposure to vapors of heated MDI can be dangerous. To heat product properly, use well ventilated convection ovens, drum rollers or other methods that distribute heat evenly. Avoid using drum heaters or other heat sources that may cause excessive local heating.

Health and Safety Information:

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling any of the products listed above. Before working with these products, it is your responsibility to read and become familiar with the available information on its hazards, proper use and handling. This is extremely important and cannot be overemphasized. Information is available in several forms, e.g. material safety data sheets and product labels. To obtain this information, contact your ITWC, Inc. representative.

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