Xthane QZ-P261

Modified Polymeric Diphenylmethane Diisocyanate (MDI)

Product Description:

Xthane QZ-P261 is a modified 4,4' diphenylmethane diisocyanate (MDI) for use in cast elastomers and coatings applications. This versatile isocyanate may be paired with a variety of extenders as well as additives and colorants to achieve the final product result. As with all polyurethane products, application and field testing are necessary to determine suitability of the selected product or product combination to the success of the final product.

Typical Properties of QZ-P261			
Functionality, f	2.1		
NCO, %	25.5 – 26.5	Viscosity, mPa·s @ 25°C	105 - 175
Specific Gravity @ 25°C	1.22	Flash Point, PMCC	213°C
Appearance @ 25°C	Light yellow liquid	Freezing Temperature	59°F (15°C)

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 QZ-P261 should be maintained between 68° and 95°F (20° and 35°C). For best results, this product should not be allowed to freeze, although it may be re-heated in a well-ventilated oven for a period of time to re-liquify solid particles. To avoid product degradation, product temperature during re-heating should not exceed 140°F (60°C). Prolonged storage of frozen or partially frozen material may create dimerization that could make the product unusable.

Do not breathe aerosol or vapors. Exposure to vapors of heated MDI can be dangerous. To heat product properly, use well-ventilated convection ovens or other methods such as drum rollers or agitation to 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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