

Technical Data Sheet

Elastogran



Iso 116/23

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Version 01
Date of issue: 07/01/2003

BASF Gruppe

Application

Iso 116/23 is used as single component binder for granulated and fibrous materials. It can be also used as isocyanate component in two-component polyurethane systems.

Chemical Characteristics

4,4'-diphenylmethanediisocyanate (MDI) based polymer.

Supply

The type of supply for the components will be decided after consultation with our Sales Office.

Storage, Preparation

Isocyanates are moisture sensitive. Therefore they must be stored at all times in sealed , closed containers. More detailed information should be obtained from the separate data sheet entitled "Information for in-coming material control, storage, material preparation and waste disposal" and from the product data.

Processing

For processing follow the information provided by our technical adviser.

Possible Hazards

The B component (Isocyanate) irritates the eyes, respiratory organs and the skin. Sensitisation is possible through inhalation and skin contact. MDI is harmful by inhalation. On processing these, take note of the necessary precautionary measures described in the Material Safety Data Sheets (MSDSs). See also our separate information sheet " Safety- and Precautionary Measures for the Processing of Polyurethane Systems." Use our Training Programme " Safe Handling of Isocyanate."

Waste Disposal

More detailed information is provided in our country -specific pamphlet.

Consumer articles, medical products

There are national and international laws and regulations to consider if it is intended to produce consumer articles (eg articles that necessitate food or skin contact, toys etc.) or medical objects out of Elastogran's products. Where these do not exist , the current legal requirements of the European Union for consumer articles as well as medical products should be sufficient. Consultation with the Elastogran Sales Office and our Ecology and Product Safety Department is strongly recommended.

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Physical Properties

| | Unit | Value | Method |
|-----------------------|-------------------|---------|----------------------|
| Density (30°C): | kg/m ³ | 1,100 | DIN 51 757 |
| Viscosity (30°C): | mPa.s | 2,000 | Elastogran QCA 3.007 |
| NCO content | % | 18.8 | Elastogran QCA 3.016 |
| Average functionality | | 2.7 | |
| Storage temperature | °C | 15 - 35 | |
| Storage Stability | months | 3 | |

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The information provided here is consistent with the current state of our technical knowledge and experience and replaces the information contained in previous versions. Because of the multitude of influences in the processing and application of our products they do not release the buyers of our products from implementing their own tests and trials. The information merely serves as general information and does in no way constitute a guarantee of any specific product conditions or properties (product specification). The details do not describe the suitability of the product for specific applications and purposes. Information regarding quality and useful life or other features do not represent guarantees. Any existing commercial rights and existing laws and regulations must be observed under the responsibility of the recipient of our products. Please contact our headquarters or our sales outlet with regard to the availability of products.

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