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Isocyanate 174

Description

This grade of Baxenden's ISOCYANATE component is a liquid grade of diphenylmethane di-isocyanate (MDI), containing some higher functionality Isocyanates.

Developed for use with Baxenden's RESIN components, this product was designed to produce a polyurethane foam or elastomer using both low and high pressure dispensing machines.

In some cases, the ISOCYANATE component can be used with the appropriate Baxenden's RESIN to manufacture a polyurethane product by hand-mix techniques.

Containers of Baxenden ISOCYANATE products should be kept closed when not in use and stored indoors at ambient temperatures (20-25°C). Protect from frost. Maintain a well-ventilated area around the storage and working environment of this product.

If under abnormal storage (below 0°C), some crystallisation does occur, the material should be heated as rapidly as possible to 70-80°C to melt it out. The hot isocyanate should then be agitated, (with mechanical stirrer if possible), to ensure homogeneity and cooled to ambient temperature before use.

Typical Properties

ISO Component

NCO Content	30.0 - 32.5 %
Appearance	Dark brown liquid
Viscosity @ 25°C	150 - 260 mPa.s (cP)
Specific Gravity @ 25°C	1.21 - 1.25

Safety Information

CAUTION, this product is an ISOCYANATE and the precautions necessary when handling and any subsequent decontamination procedures, etc. are described in the appropriate Material Safety Data sheet relating to this product.

All polyurethane products are ORGANIC, combustible materials and may, therefore, present a fire risk if exposed to flame, fire and/or heat.

For further information please refer to BAXENDEN brochure, "Isocyanates and Polyurethanes Safety Advice", which must be read in conjunction with this data sheet

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