

# ISO POLYUREA 150

RAYSTON  
products



## Aromatic polyurethane prepolymer

### DESCRIPTION AND APPLICATION

Iso Polyurea 150 is an aromatic polyurethane prepolymer designed for use as isocyanate component in polyurethane and hybrid PU-polyurea compositions. Application advice is available under request. Low viscosity at low temperatures.

### TECHNICAL DATA

#### INFORMATION ON THE PRODUCT BEFORE APPLICATION

|                                 |  |                           |
|---------------------------------|--|---------------------------|
| <b>Chemical description</b>     | Solvent-less aromatic polyurethane prepolymer                                  |                           |
| <b>Physical state</b>           | Liquid   |                           |
| <b>Density</b>                  | 1.14 g/cm <sup>3</sup> (20°C)<br>1.11 g/cm <sup>3</sup> (60°C)                 |                           |
| <b>NCO content (%)</b>          | 15   |                           |
| <b>Non-volatile content (%)</b> | 100%   |                           |
| <b>Colour</b>                   | yellowish  |                           |
| <b>Viscosity</b>                | <b>Temperature (°C)</b>  | <b>Viscosity (m.Pa.s)</b> |
| <b>Approximate</b>              | 5  | 2500                      |
| <b>Brookfield</b>               | 10   | 1800                      |
|                                 | 20   | 800                       |
|                                 | 30   | 450                       |
|                                 | 40   | 300                       |
|                                 | 50   | 200                       |
|                                 | 60   | 120                       |
| <b>Packaging</b>                | Metal container<br>200 kg<br>25 kg   |                           |
| <b>Storage</b>                  | Keep at temperatures between 5°C and 30°C away from moisture and heat sources. |                           |
| <b>Use before</b>               | Use before 6 months after manufacturing date.                                  |                           |
| <b>Final state</b>              | Solid membrane   |                           |

### TOOL CLEANING

Use Rayston Solvent

### SAFETY

Iso Polyurea 150 contains isocyanates. Always follow the instructions provided in the material safety data sheet and take the precautions described there. As a general rule, a suitable ventilation/respiratory protection must be ensured and any skin contact avoided. This product is intended to be used only for the uses and in the way here described. This product is to be used only by industrial or professional users. It is not suitable for DIY-type uses.

### ENVIRONMENTAL PRECAUTIONS

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as hazardous waste, to be transferred to an authorized waste manager. Waste containers with small amounts of uncured product can be allowed to dry before sending to treatment

### OTHER INFORMATION

The information contained in this Technical Data Sheet, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend studying deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project.

Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

**This data sheet supersedes previous all versions.**



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