



## PRODUCT TECHNICAL DATA SHEET

**Product: ROTFLOW 101.2**

### DESCRIPTION OF THE PRODUCT

Ready to use polyol for the production of compact polyurethane by rotational technology. The product has to be carefully mixed before use.

### TYPICAL PROPERTIES OF THE PRODUCT

Aspect	: viscous liquid
Viscosity at 25°C, mPa·s	: 1100
Specific gravity at 25°C	: 1.05

### PROCESS CONDITIONS AND PERFORMANCES

<b>Rotflow 101.2</b>	: pp 100
Arodur 470.1	: pp 70
Polyol temperature, °C	: 24 - 26
Iso temperature, °C	: 24 - 26
Moulds temperature, °C	: 35-45

#### BENCH REACTION TIMES

Components temperature, °C	: 24 - 26
Gel time, s	: 115 – 125
Free density, kg/m <sup>3</sup>	: 1.100 ab.

#### MECHANICAL CHARACTERISTIC

Specific gravity, Kg/m <sup>3</sup>	: 1100	ISO 1183
Surface hardness, Shore D	: 75	ASTM 2240
Tensile module, MPa	: 900	EN ISO 527-2
Tensile strain, MPa	: 20	EN ISO 527-2
Flexural strain, MPa	: 30	EN ISO 178
Break elongation, %	: 10	EN ISO 527-2

### STORING AND HANDLING

**It is recommended to mix the product accurately before using.**

The product shall be stored into well closed containers, protected from atmospheric moisture, preferably at a temperature between 15° and 25°.

During handling gloves and protection goggles shall be used.

Shelf life: 6 months in well closed containers.



## **HEALTH AND SAFETY PRECAUTIONS**

In literature there is no evidence of risks related to the product under normal conditions of use. The product may cause a slight irritation in case of contact with the skin and the eye.

For more detailed information, please refer to the Safety Data Sheet of the product.

## **SUPPLY**

Drums of kg 210 net.

All above information is given in accordance with our experience. It is provided for guidance purposes only and we do not assume any liability for the results obtained therefrom as neither for its utilization.