



TECHNICAL DATA SHEET

ImPol 501

Application: ImPol 501 is a formulated polyol, without HCFC141b , to be used in combination with ImIso 370, for the thermal insulation of freezers and refrigerators. HCFC141b should be added to ImPol 501 before use. ImPol 501 can be used with CFC 11 as blowing agent with the same formulation as well.

Specification And Typical Properties

Viscosity at 25 °C	1800±100 mPa.s
Density	1.1 g/cm ³

Processing Conditions And Performance

ImPol 501	100 pbw
HCFC141b (or CFC 11)	15±1 pbw
ImIso 370	126±2 pbw

Ratio(Isocyanate/Polyol) 1.1

Iso & Polyol temperature	25-30 °C.
Mold temperature	35-50 °C.

CUP test (done by hand-mix in the laboratory)

- Material temperature	25 °C
- Cup weight:	
- Polyol	100 g
- Isocyanate	126 g
- HCFC141b (or CFC 11)	15 g
- Parameter	
- Cream time	10±3 sec.
- Gel time	55±5 sec.
- Tack free time	100±5 sec.
- Free rise density	24±1 kg/m ³

*Note: The free rise density should not be lower than 22 kg/ m³.



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Shelf life Shelf life is guaranteed for 6 months.

Safety Information Please pay attention to the safety data sheet.
It is advisable to the fact that in case of not covered polyurethane the surface may obtain traces in starting and successive products which are e.g. dangerous to health or have irritating, cauterizing and/or sensitizing properties.

Preparation Before using, this polyol has to be mixed very well.

Packing ImPol 501 will be delivered in 200 kg net drums.

Storage ImPol 501 can be stored 6 months, if storage in moisture-tight drums. Recommended storage temperature: between +15 °C and +25 °C.
