



TECHNICAL DATA SHEET

ImPol 41100

Application: ImPol 41100 is a formulated Polyol designed to be used with Cyclopentane blowing agent. It is widely used for the manufacture of refrigerator or freezer. Excellent operationality, flow ability and good demolding are the main features. When it reacts with ISO 370 which are the recommended isocyanates for the formulation. The manufactured foam has good density distribution, high compressive strength and excellent dimensional stability.

Specification And Typical Properties	Appearance	liquid- Pale yellow to reddish brown
	Viscosity at 25 ° C	3500 ±600 mPa.s
	Density	1.08 ± 0.05 g/cm ³

Processing Conditions And Performance	ImPol 41100	100 pbw
	Cyclopentane	11±1 pbw
	ImIso 370	146 ±1 pbw

Ratio(Isocyanate/Polyol) **1.30**

Molds temperature 35 - 40 ° C
Demolding time 7±1 min

Cup Test (done by hand-mix in the laboratory)

Parameter	- Temperature	25 ° C
	- Cream time	10±2 sec.
	- Gel time	70±6 sec.
	- Free Rise Density (At sea level)	26 ±2 kg/m ³
	- Free Rise Density (At the altitude of 1200m)	25 ±1 kg/m ³



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Shelf life Shelf life is guaranteed for 6 months.

Safety Information Please pay attention to the safety data sheet.
It contains handling information. It is advisable to avoid direct skin contact with freshly produced Polyurethane, because of the fact that in case of not covered Polyurethane the surface may obtain traces of starting and successive products which are e.g. dangerous to health or have irrigating, cauterizing and/or sensitizing properties.

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

Packing ImPol 41100 will be delivered in 210 kgs net drums.

Storage ImPol 41100 can be stored 6 months, if storage in moisture-tight drums. Recommended storage temperature: between +15° and +35° C.
