Imen Polymer Chemie Co.

Tel : 0098 21 88751095-6   Phone : 0098 9129519062
E-mail: ipc.info@imenpol.com

TECHNICAL DATA SHEET

ImPol VE

Application:	ImPol Viscoelastic is a formulated polyol to be used in combination with ImIso VE. ImPol VE has been developed for the production of flexible foam for pillows and mattresses.		

Specification And Typical Properties	Density	1.02	g/cm³
	Viscosity at 25 °C	1050±100	mPa.s

Processing Conditions And Performance	ImPol Viscoelastic	100	pbw
	ISO VE	52±2	pbw
	Isocyanate:Polyol	**100:52**	
	Iso & Polyol temperature	25-30	°C.
	Mold temperature	40–55	°C.

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

- Material temperature		25	°C
- Cup weight:	- Polyol	100	g
	- Isocyanate	52	g
- Parameter	- Cream time	15±2	sec.
	- Gel time	65±5	sec.
	- Rise time	90±10	sec.
	- Tack free time	150±10	sec.
	- Free rise density	60±5	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 Viscoelastic will be delivered in 200 kg net drums.
Storage	ImPol Viscoelastic can be stored 6 months, if storage in moisture-tight drums. Recommended storage temperature: between +15 °C and +25 °C.