Imen Polymer Chemie Co.

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TECHNICAL DATA SHEET

ImPol 11000

Application:	ImPol 11000 has been developed for the production of flexible foam for the automotive industry. It is used in combination with ImIso2527.
Specification And typical Properties	Appearance Liquid Viscosity at 25 °C 995 $\pm$ 100 mPa.s Density 1.02 kg/cm³

Processing Conditions and Performance

ImPol 11000   100   pbw
ImIso 2527   60-70   pbw

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

- Material temperature   26 $\pm$ 1 °C
- Parameter   - Cream time   15 $\pm$ 2 sec.
             - Gel time   65 $\pm$ 8 sec.
             - End of rise   90 $\pm$ 10 sec.
             - Free rise density   45 $\pm$ 2 kg/m³
             - Demolding time   4   min

Machine type: high pressure

Processing Recommend-Dations	The chemicals should be adjusted to the correct temperature before use to ensure reactivity and viscosity are suitable for processing. Recommended mold temperatures: 40 - 45 °C
Health And Safety Advice	The appropriate health and safety advice can be found in the safety data sheet for IPC POL 11000 available on request. The applicable Safety Data Sheet should be reviewed by customer before handling.
Storage	The storage life of IPC POL 11000 is provisionally 6 month When stored at 18 - 25 °C.

Recommendations   The values given in reaction profile section are the values obtained in the laboratory, using a mixer with 5000 rpm stirring rate.
The demolding time that is declared above, can change according to the production conditions.

Physical Properties

	Unit	Measured Value	Method
Mixing Ratio		100/60	
Compression Load Deflection 40%	kPa	7.4	DIN EN ISO 3386
Tensile strength	kPa	169	DIN EN ISO 1798
Elongation at Break	%	101	DIN EN ISO 1798
Tear Resistance	N/cm	2.2	ASTM D 3574
Fire Resistance		Paased	

The information provided herein is , to the best of our current knowledge and belief,accurate .
However , since the conditions of handing and use are beyond our control and there are many factors effecting application and processing of our product. We make no guarantee of results and assume no liability for damages incurred by following these suggestions and using our products. We strongly recommend processors to carry out their own tests and investigations.