



## TECHNICAL DATA SHEET

### ImPol 10000

**Application:** ImPol 10000 has been developed for the production of flexible foam for the automotive industry.  
It is used in combination with ImIso 2527.

<b>Specification And typical Properties</b>	Appearance	Liquid
	Viscosity at 25 °C	1000 – 1200 mPa.s
	Specific gravity at 25 °C	1.01 kg/cm <sup>3</sup>

<b>Processing Conditions and</b>	Im Pol 10000	100 parts by weight
	Im Iso 2527	55-70 parts by weight

#### Performance

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

- Material temperature	26 ± 1 °C	
- Parameter	- Cream time	14 ± 2 sec.
	- String time	65 ± 8 sec.
	- End of rise	90 ± 10 sec.
	- Free rise density	48 ± 2 kg/m <sup>3</sup>
	- Demolding time	5 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: 35 - 45 °C

**Health and  
Safety Advice** The appropriate health and safety advice can be found in the safety data sheet for IPC POL 10000 available on request.  
The applicable Safety Data Sheet should be reviewed by customer before handling.

**Storage** The storage life of IPC POL 10000 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		Passed	

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.