

## APPLICATIONS

Transparent casting resin for floral arrangements and inclusions until 200 mm thickness.

## PROPERTIES

- High transparency (water clear)
- Good adhesion on glass
- Good UV resistance
- Easy processing

PHYSICAL PROPERTIES				
		PART A	PART B	MIXING
Composition		ISOCYANATE	POLYOL	
Mixing ratio by weight and volume		100	100	
Aspect		liquid	liquid	liquid
Colour		transparent	bluish	transparent
Viscosity at 25°C (mPa.s)	BROOKFIELD LVT	2,000	900	1,400
Density of parts before mixing	ISO 1675 :1985	1.03	1.02	-
Density of the cured product	ISO 2781 :1988	-	-	1.05
Doubling viscosity at 23°C (min)				
- on 0.2 kg	BROOKFIELD LVT			16
- on 1.0 kg				14

MECHANICAL PROPERTIES AND SPECIFIC AT 23°C (1)			
Tack free time	-	min	75
Hardness	ISO 868 :1985	Shore A1 / A15	65 / 60
Maximal casting thickness	-	mm	100 – 200

(1): Average values obtained on standardized specimens; Curing conditions: 24 hours at room temperature.

## PROCESSING CONDITIONS

### **BE CAREFULL: THIS PRODUCT CANNOT BE CASTED INTO POLYCONDENSATION SILICONE MOULDS.**

*This product is elaborated to be use on a static mixing machine. However manual application is possible:*

- Heat both parts at 20°C in case of storage at a lower temperature.
- Weigh both parts precisely.
- Mix them until obtain homogenous product.
- Degas the mixing, then cast in a mould without any trace of moisture.
- When the product is used in polyaddition silicone moulds, operator has to heat the mould at temperature between 40° and 70°C.

## HANDLING PRECAUTIONS

*Normal health and safety precautions should be observed when handling these products:*

- *Ensure good ventilation,*
- *Wear gloves, safety glasses and waterproof clothes.*

*For further information, please consult the product safety data sheet.*

## STORAGE CONDITIONS

*Shelf life of products under development is 6 months in a dry place and in their original unopened containers at a temperature between 15 and 25°C.*

*Any open can must be tightly closed under dry nitrogen.*

## PACKAGING

*Isocyanate (Part A)*

*1 x 5.0 kg  
1 x 200.0 kg*

*Polyol (Part B)*

*1 x 5.0 kg  
1 x 200.0 kg*

## GUARANTEE

*The information contained in this technical data sheet result from research and tests conducted in our Laboratories under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON guarantee the conformity of their products with their specifications but cannot guarantee the compatibility of a product with any particular application. AXSON disclaim all responsibility for damage from any incident which results from the use of these products. The responsibility of AXSON is strictly limited to reimbursement or replacement of products which do not comply with the published specifications.*