



TRANSLUX D150 Resin TRANSLUX D 151 Hardener

TRANSPARENT EPOXY CASTING RESIN
TACK FREE TIME : 24hrs – VARIABLE HARDNESS

APPLICATIONS

Transparent casting resin for floral arrangements and inclusions.

PROPERTIES

- Low viscosity
- Casting usable in 24 hrs
- Selfdegasing
- High transparency
- The use of the hardener in variable ratio is possible to modify the hardness
- Maximum casting volume : 200 g
- Very good UV resistance

PHYSICAL PROPERTIES				
		RESIN D 150	HARDENER D 151	MIXING
Mixing ratio by volume		100	100	
Mixing ratio by weight		100	90	
Aspect		liquid	liquid	liquid
Colour		blue transparent	transparent	transparent
Viscosity at 25°C (mPa.s)	BROOKFIELD LVT	600	100	220
Density of parts before mixing	ISO 1675 :1985	1.12	0.98	-
Density of the cured product	ISO 2781 :1996	-	-	1.05
Pot life at 25°C (190 g) (hr)	Gel Timer TECAM			6.5
Open time (10 kg) at 23°C (doubling viscosity) (hr)	-			1

SPECIFIC PROPERTIES AT 23°C (1)			
Tack free time • 50 g to 200 g		hours	36
Hardness – ratio 100/ 90 • after 24 hours at 23°C • after 7 days	ISO 868 : 2003	Shore A1 / A15	46 / 22 65 / 34
Glass transition temperature (Tg) • ratio 100/ 90 • ratio 100/ 45	ISO 11359 : 2002	°C	10 38
Maximum casting volume	-	g	200

(1) Average values obtained on standard specimens, Curing conditions : 7 days at Room Temperature

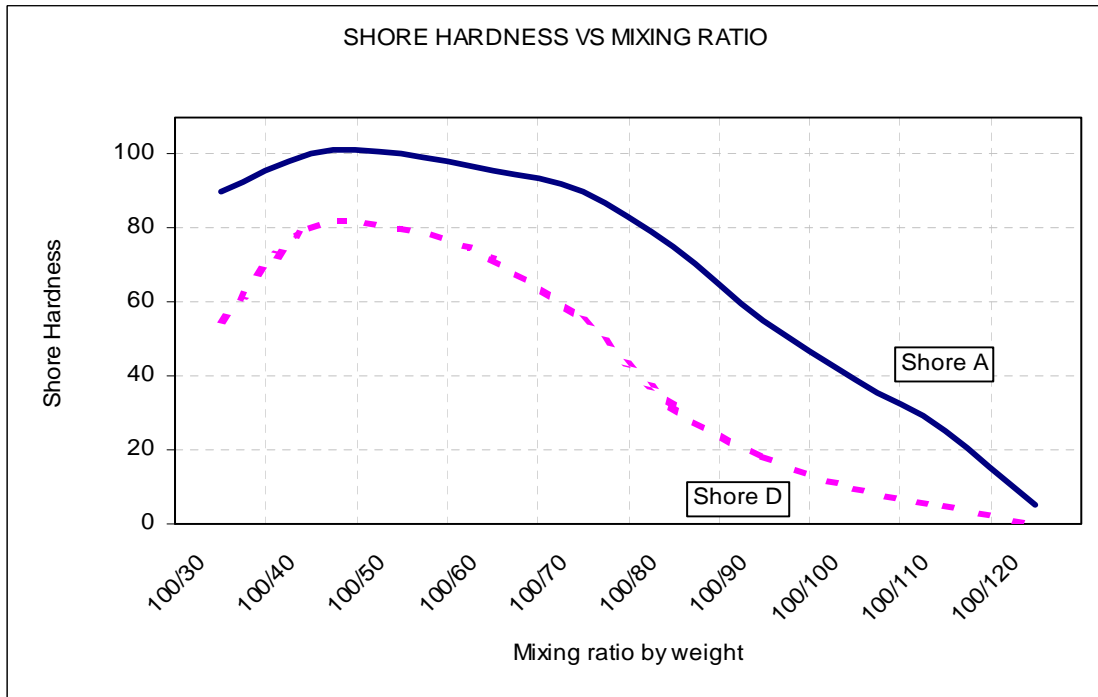
PROCESSING

- Weigh the resin and the hardener by volume. Blend with a Jiffy-Mixer until the product becomes homogeneous, then cast.
- To obtain the highest hardness, the 100/50 mix ratio of resin to hardener can be also used.
- Gas can appears if casting volume is above 200 g.



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Conditions : Hardening 24hrs at 45°C on 100g mixing – Test temperature at 21°C

PRECAUTIONS

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

- ensure good ventilation
- wear gloves and safety glasses

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

STORAGE

Use before 12 months according to the manufacturing date. Expiration date indicated on the packaging.

PACKAGING

Resin TRANSLUX D 150	Hardener TRANSLUX D 151
1 x 5.260 kg	1 x 4.740 kg
1 x 220 kg	1 x 200 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.