



CUSTOMER REFERENCE

Vac form tool made from NECURON® 840

Customer:	Werbetechnik Art of Display GmbH, Mölln, Germany
Products used:	NECURON® 840
Branch:	Advertising and Display
Application:	Deep-drawn displays for the cosmetics industry for presentation in drugstores

1. ISSUE

The company Werbetechnik in Mölln manufactures deep-drawing tools for placing cosmetic articles in drugstores. The construction drawing to the right was realized with NECURON® 840.

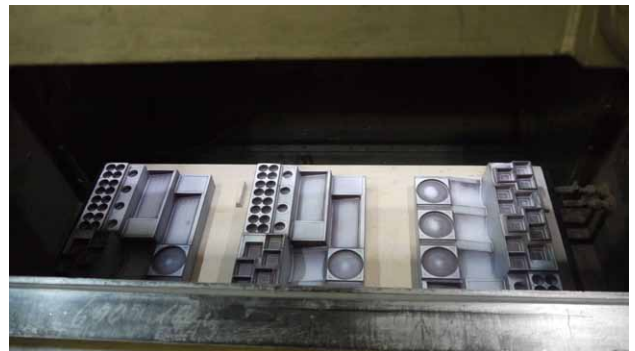


2. SOLUTION / RESULTS

The company Werbetechnik uses NECURON® 840 as the material for the deep-drawing tool for the production of prototypes and for preliminary or small series up to approx. 4000 pieces.

The procedure of the company Werbetechnik is as follows:

1. 3 milled toolings are mounted on a wooden board and placed in a deep drawing machine.
2. View into the thermoforming machine with implemented tool





3. One 1,5 mm thick coloured polystyrole plate will be heated slightly above 100°C by means of a heating system and transformed from a solid into a thermoelastic condition.



4. The soft polystyrole plate will be inflated slightly through the vacuum holes of the NECURON® 840 tooling. After that the tooling will move in the plate.



5. Then the ps-plate will be „sucked“ out of the tooling by means of a vacuum, so that you can see the complete contour of the product.



6. The product will be cooled down and demoulded. The edges will be cut off later.



APPLICATION IMAGES

