

***The new ebalta polyurethane casting resins
for your one to one concrete cavity replica.***

A real piece of art!

Tooling resins Blocks Auxiliaries Silicones



ebalta
Solution Takes Shape

The ebalta PU Elastomers, developed for the high requirements of the mould and tool making field in the concrete and ceramic industry.

Material	GM 965-40 filled	GM 965-55 filled	GM 965-70 filled	Properties
Mixing ratio (p.b.w)	100 : 11,5	100 : 11	100 : 15	<ul style="list-style-type: none"> ▪ high chemical resistance ▪ low water absorption ▪ excellent flow properties ▪ good degasing ▪ high dimensional stability ▪ good tear propagation resistance
Processing data				
Pot life 200 g / 20 °C (min.)	15 – 20	15 – 20	15 – 20	
Curing time at RT (hrs.)	12 – 24	10 – 24	10 – 24	
Physical data				
Shore hardness (Shore A)	43	55	70	
Tensile strength / test piece type 2 / ISO 37 (MPa)	3 ± 0,5	3,8 ± 0,5	6,0 ± 0,5	
Elongation at break / test piece type 2 / ISO 37 (%)	600 ± 60	400 ± 40	280 ± 50	
Tear resistance arch shaped test piece without incision 1 mm (kN/m)	16 ± 2	18 ± 2	26 ± 3	



For more than 40 years ebalta has been the leading manufacturer of tooling resins for mould and tool making as well as for the field of design and foundry. Our wide product range includes epoxy and polyurethane resins, boards and blockmaterial, as well as pastes, silicones and auxiliaries.

Our team of product managers and local distributors advise you on material and set up schedules according to your individual project requirements.

Just feel free to contact us, we look forward to you!

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