

# *Infiltration Resin IH 16. Experiencing the future of 3D printing today.*

*Polyurethane and Epoxy Resins   Boards and Blocks   Silicones   Auxiliaries*



**ebalta**  
Solution Takes Shape

## The ebalta Infiltration Resin IH 16 for 3D printed components can be combined with 3 different hardeners.

Product	IH 16 / Hardener slow	IH 16 / Hardener fast	IH 16 / Hardener very fast
Colour	Opaque	Opaque	Opaque
Applications	Infiltration of 3D printed parts	Infiltration of 3D printed parts	Infiltration of 3D printed parts
Properties	very long flow paths very low viscosity good wet-out characteristics	long flow paths very low viscosity good wet-out characteristics	for machine processing very low viscosity good wet-out characteristics
Mixing ratio (p.b.w)	100:30	100:30	100:30
Viscosity at 25°C (mPas)	250 ± 50	350 ± 50	550 ± 8
Pot life 200 g/20°C (min.)	300 – 400	50 – 60	15 – 25
Curing time at RT (Hours)	36 – 48	20 – 30	14 – 20
Flexural strength (MPa)	125 ± 1,2	135 ± 10	140 ± 10



3D printed sink infiltrated with IH 16

For more than 40 years ebalta has been a manufacturer of polyurethane and epoxy tooling resins for foundry pattern making, mould and tool making as design model making.

For any further questions please contact our international distributors worldwide or our export department.

We look forward to you.



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Printed: 05/2017