

ebablock[®] P 185

The individual cast-to-size block for your prepreg and electroformed nickel shell master models

Polyurethane and Epoxy Resins Boards and Blocks Silicones Auxiliaries



ebalta
Solution Takes Shape

ebablock® P 185

**One master model made of ebablock® P 185,
two applications: prepreg tools and electroformed nickel shell tools.**

Product	ebablock® P 185
Colour	blue
Applications	Master models for prepreg tools Master models for nickel shell tools Tools for low temperature prepreps Moulding tools
Properties	Polyurethane block material Low thermal expansion High heat resistance Big volume blocks available Very dense surface Self-extinguishing according to UL 94 V0, FileE191776
Sales units	Individual cast-to-size block material with variable dimensions. Application example: Master model for a prepreg tool of a turbine engine cowling. Size: 3760 x 2990 x 1640 mm Volume: 3,000 litres
Physical data	
Density at 20 °C (g/cm³)	1,86 ± 0.05
Shore hardness D	90 ± 3
Flexural strength (MPa)	70 ± 5
Flexural modulus (MPa)	11350 ± 200
Compressive strength (MPa)	120 ± 5
Impact resistance (Charpy) (kJ/m²)	3 ± 0.5
Heat resistance (HDT) (°C)	115 ± 5
Coefficient of thermal expansion 20 – 50°C (10 ⁻⁶ K ⁻¹)	approx. 39



Master model made of ebablock® P 185



Nickel shell tool produced
on ebablock® P 185



Prepreg tool produced
on ebablock® P 185

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

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

Please feel also free to contact our Composites Product Manager Stefan Koppmair, +49 171 799 81 54 / skoppmair@ebalta.de

We look forward to you!

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