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Link do produktu: https://www.nobshop.pl/smigla-emax-avan-mini-3-calowe-czarne-6cw-6ccw-p-1762.html



Śmigła EMAX AVAN MINI 3 calowe - czarne 6CW + 6CCW

Cena brutto	**29,00 zł**
Cena netto	**23,58 zł**
Dostępność	**Dostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**EMAX**

Opis produktu

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3 inch diameter

2.4 inch pitch

3 blades

Inertial Properties:

weight: 1.25 grams

Moment of Inertia: 3.05 g/cm^2

The Emax Avan Mini propeller 3x2.4x3 was designed for Babyhawk Race 3 inch to maximize flight time and performance. This propeller is matched to Emax 1106 4500kv for 3s and 4s flight. A true 2.4" pitch throughout the blade gives a linear control feeling across the throttle band while still achieving high speeds. This allows for ease of flight and more precision. With a special PC blend the Avan Mini weighs 1.25 grams. Most of the weight is centralized near the hub creating a low moment of inertia of 3.05 grams*square centimeter which in turn makes a very responsive prop. The large blade chord makes the propeller very durable.

The Avan Mini was designed from the ground up starting from design constraints such as RPM, air speed, and required thrust. From these constraints aerodynamic models were built to predict performance and to design the blade shape. Highly cambered airfoils were used to achieve high lift coefficients at high angles of attack prolonging stall. This allows for a higher blade angle while still remaining efficient. The cambered airfoils also allow a greater flight envelope making for great low end responsiveness while still being able to achieve high speeds.

A special Polycarbonate blend is used to achieve high durability. This material is incredibly tough and ductile to resist fracture in high impact crashes. A thick blade root was designed to further increase this durability. Our injection mold process is optimized to reduce bubbles in the plastic to increase the strength of the propeller and to maintain superb balance.