

AVENGER'S CARBON FIBRE FORMULA



POWERBOATING

with
Quentin van Marle

I MENTIONED in last week's issue about the new carbon fibre, adopted by the Avenger Boat Company to reduce their hull weight. This material, called Grafil, has so far been successfully applied to racing car bodies, wings for gliders, helicopter rotor

blades, racing canoes — and now racing powerboats.

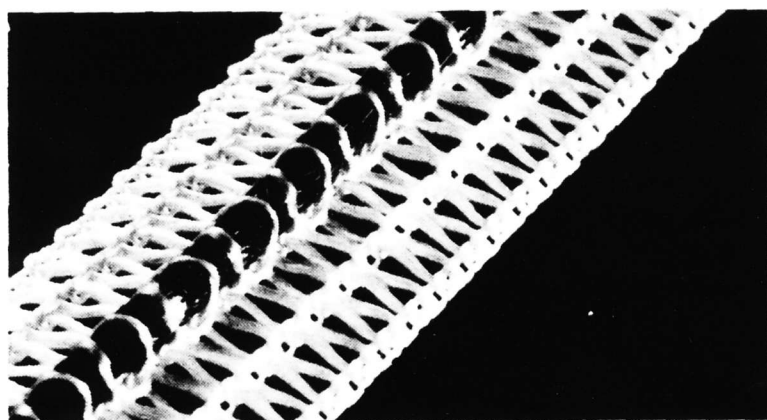
To my knowledge, Avenger are the first powerboat builders to use Grafil, and as a result have reduced the weight of a 21ft model by some 30 per cent . . . which

will represent a formidable advantage in competition.

By reducing the weight, one would think that a loss of strength must occur, but I understand that the result is quite the reverse. The Grafil carbon fibres, each one finer than a single human hair, considerably stiffens a GRP hull if suitably positioned.

This 'prototype' 21ft Avenger, will be driven this season by Brian Griffin and John Bennett. It is powered by twin Mercury 140 outboards, and with the reduced deadweight, should be an extremely formidable racer in 1972 national offshore competition.

More details may be obtained by contacting the Avenger Boat Company (1972) Ltd., Shuttleworth Rd., Elms Industrial Estate, Goldington, Bedford.



This particular carbon fibre is weaved into the new Avenger hull.



The end result is a much lighter and stronger boat.