PIRANHA
MARINE PROPELLER

• Similar mechanical properties to aluminum and stainless steel
• Improved impact resistance, durability, and vibration damping properties
• Injection moldable

KEY REQUIREMENTS

AVIENT SOLUTION
Complēt™ MT Long Glass Fiber Reinforced Nylon 6

WHY AVIENT?
• Enabled up to 20% more impact resistance compared to standard long fiber reinforced materials, including the incumbent material
• Improved durability and vibration damping allowing the blades to flex and absorb energy from minor impacts
• Facilitated an interchangeable blade system providing a cost-effective solution for repairs and tuning of propulsion thrust to meet a boat’s intended use, for either speed or transporting loads
• Enhanced design flexibility allowing for the innovative blade design to provide 400% more reverse thrust than standard propellers and twice as much as competing metal propellers

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