

SNOWMOBILE OEM

RUNNING BOARD

AVIENT SOLUTION

Complēt™ Moisture Resistant Long Fiber Reinforced Nylons

WHY AVIENT

- Tailored a formulation that maintained performance despite routine moisture exposure and met customer aesthetic standards to eliminate the need for decoration
- Guided metal-to-composite conversion and design to redirect weld lines to non-critical structural areas, allowing complex geometric cutouts without post-operation requirements
- Enabled cost reduction through assembly step simplification

LEARN MORE

KEY REQUIREMENTS

- Strength and stiffness comparable to incumbent aluminum
- Impact resistance at cold temperatures
- Fatigue resistance
- Extended mechanical performance, even with exposure to water (melted snow)
- Good cosmetic finish with UV resistance