

STELLANTIS

ELECTRIC QUADRICYCLE BODY

AVIENT SOLUTION

Smartbatch™ FX for Paint Replacement

WHY AVIENT?

- Supported painted steel replacement with look-alike molded-in-color solution
- Color matched new model shade and adapted formulation to different polypropylene grades
- Fulfilled strict color variation tolerances to ensure seamless part pairing
- Optimized the formulation for scratch, friction, stress whitening, and UV resistance
- Offered molded-in color solutions for other electric quadricycle models

LEARN MORE

KEY REQUIREMENTS

- Replace paint on metal/plastic for lightweighting and CO₂ footprint reduction
- Develop new model shade in specified polypropylene grades
- Ensure batch-to-batch color consistency for seamless part pairing
- Fulfill requirements for wear and weathering resistance