



HIGH-IMPACT PA66 + COLOR MATCHING

INDUSTRIAL EQUIPMENT MANUFACTURER

HOUSING FOR CRANE CONTROL

AVIENT SOLUTION

Bergamid™ Polyamide Formulations

WHY AVIENT?

- Offered a nylon (PA66) formulation with high impact resistance and dimensional stability
- Supported injection trials with field technical services
- Developed a ready-to-use solution in RAL 3020 with excellent color stability, helping to reduce scrap rate from >50% to 4%
- Enabled timely production through fast new developments and samplings
- Offered additional color options

LEARN MORE

KEY REQUIREMENTS

- High impact performance, charpy notched > 60kJ/m²
- Part assembly: tight dimensional tolerances $\pm 0.05\text{mm}$
- Critical weld lines are invisible on the final part
- Red RAL 3020 as branding color
- Color stability during injection