

**FLAME RETARDANT + ANTI-STATIC**

# GLOBAL SMALL APPLIANCE BRAND

VACUUM CLEANER HANDLE

## AVIENT SOLUTION

Stat-Tech™ Static Dissipative & Electrically Conductive Formulations

## WHY AVIENT?

- Provided a custom formulation with a good balance of performance and aesthetics
- Guided the molder on how to properly measure the surface resistance of the part and the fixture specifications
- Had excellent service with fast turnaround of samples and strong ADTS support to ensure smooth processability

## LEARN MORE

## KEY REQUIREMENTS

- Comply with flame retardant ratings of UL 94 V-0 at 0.8mm and GWIT 775°C / GWFI 850°C
- Pass ball pressure at 75°C
- Deliver stable static resistivity of E9-11
- Matched color to a specified black103
- Pass tests for battery runaway, drop at 1m, static load, and fatigue life