

# DENSO

## MECHANICAL HVAC DOOR FLAP

### AVIENT SOLUTION

Customized Maxxam™ Formulation

### WHY AVIENT?

- Worked in close collaboration with the customer to understand key design challenges and needs
- Streamlined the development process through global presence, working locally in Europe while also running trials in Asia
- Re-designed the part to provide a 90% weight reduction
- Utilized material science expertise to create a custom formulation that improved resistance to copper deposits and enabled injection compression molding

### LEARN MORE

### KEY REQUIREMENTS

- Processability was key as the part had to be injection compression molded due to its extremely thin nature
- Copper resistance
- Light weight
- Anti-static
- Low VOC