

SUSTAINABLE MATERIALS COMPOUNDER

INSTRUMENT PANEL CARRIER WITH R-PP

AVIENT SOLUTION

Smartbatch™ Combination Colorants & Additives

WHY AVIENT?

- Developed a characterization methodology for PCR that allowed customer to select the best material for each target color
- Closely collaborated with PCR supplier, compounder and Tier 1 to secure multiple color approvals at various OEMs
- Jointly developed a workflow applicable to both design and production phases to ensure color accuracy across various PCR lots

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KEY REQUIREMENTS

- Achieve higher PCR content in PP color compound
- Meet several OEM color specifications and tolerances
- Define a coloration strategy for each type of PCR source