Cesa™ Stat Antistatic Additives for automotive interiors

Plastics can attract dust particles, creating an unattractive smudgy film on their surface. Plastic parts in the passenger compartment develop electric charges as people get in and out of the vehicle and air circulates through the ventilating/air conditioning system.

Avient’s Cesa™ Stat Antistatic Additives for automotive applications are permanent masterbatches that provide an antistatic effect to molded parts. They are high-molecular-weight additives and as such are conductive along their full molecular chains. They bind themselves to the plastic in a three dimensional network so they do not contribute to VOC emissions. Molded parts such as sunglass storage compartments or overhead consoles will look spotless and give the car interior a premium appearance.

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>SUITABLE FOR</th>
<th>APPLICATION</th>
<th>LDR</th>
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</thead>
<tbody>
<tr>
<td>Cesa™ Stat OCA0025695</td>
<td>PP</td>
<td>Permanent reduction of dust attraction in interior</td>
<td>From 5%</td>
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<tr>
<td>Cesa™ Stat OCA0025609</td>
<td>PC/ABS, PA6, PC/ASA</td>
<td>Permanent reduction of dust attraction in interior</td>
<td>From 8%</td>
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<tr>
<td>Cesa™ Stat OCA0025603</td>
<td>LDPE, TPE</td>
<td>Permanent reduction of dust attraction in interior</td>
<td>From 7%</td>
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The graph shows the measurement of the charge decay time at 23°C/50% r.H. on 80x80x2mm IM plaques.

Cesa™ Stat OCA0025695 reduces electric charges with a sustainable antistatic effect and keeps the surface dust-free and clean. Even after washing the surface with detergent and water with 5 repetitions, the antistatic effect remains unchanged.
Cesa Stat Antistatic Additives for automotive can support customers with electrostatic decay time testing according to Standard DIN EN 61340-2-1 to speed up the development.

The Cesa Stat Antistatic Additives portfolio provides the following advantages:
- Very good processability
- Permanently active through the part service time
- Not influenced by humidity
- Washing resistant
- Easy to print
- No influence on color, transparent in some polymers
- Low dosage
- Low VOC’s
- Worldwide availability

Please contact your local Avient representative for more information on our solutions for the automotive industry or other applications.