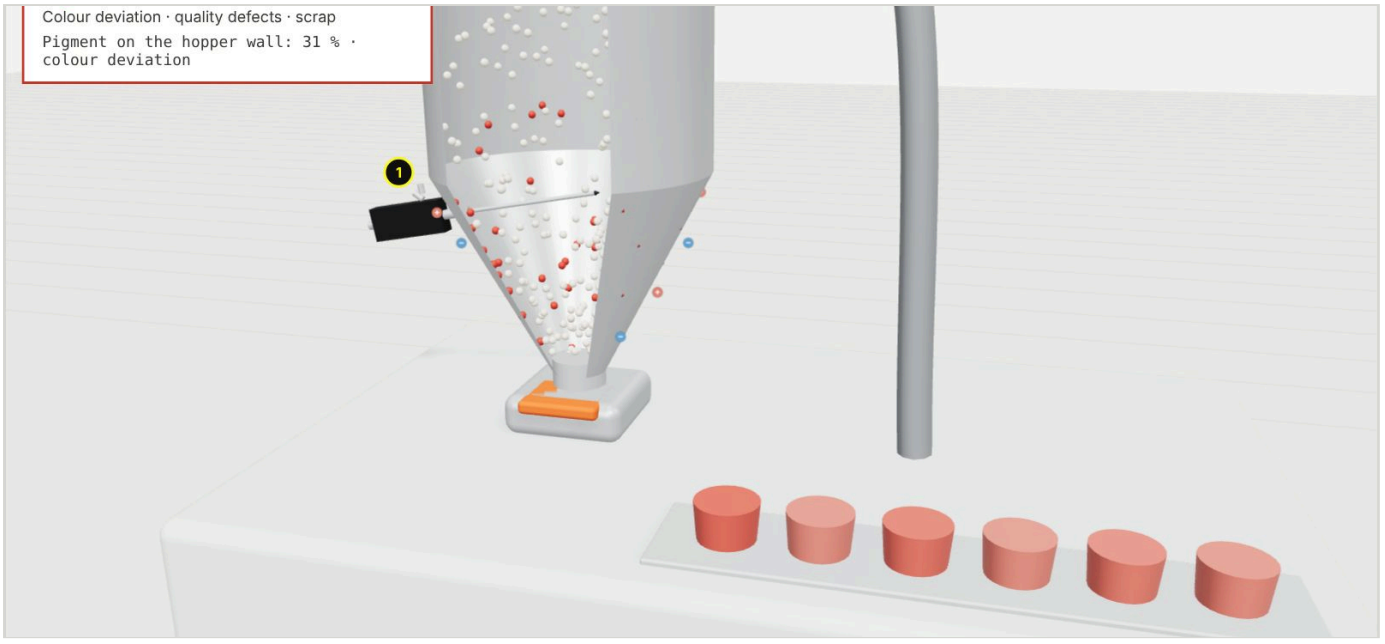
STATIC ELECTRICITY PRODUCTS · APPLICATION

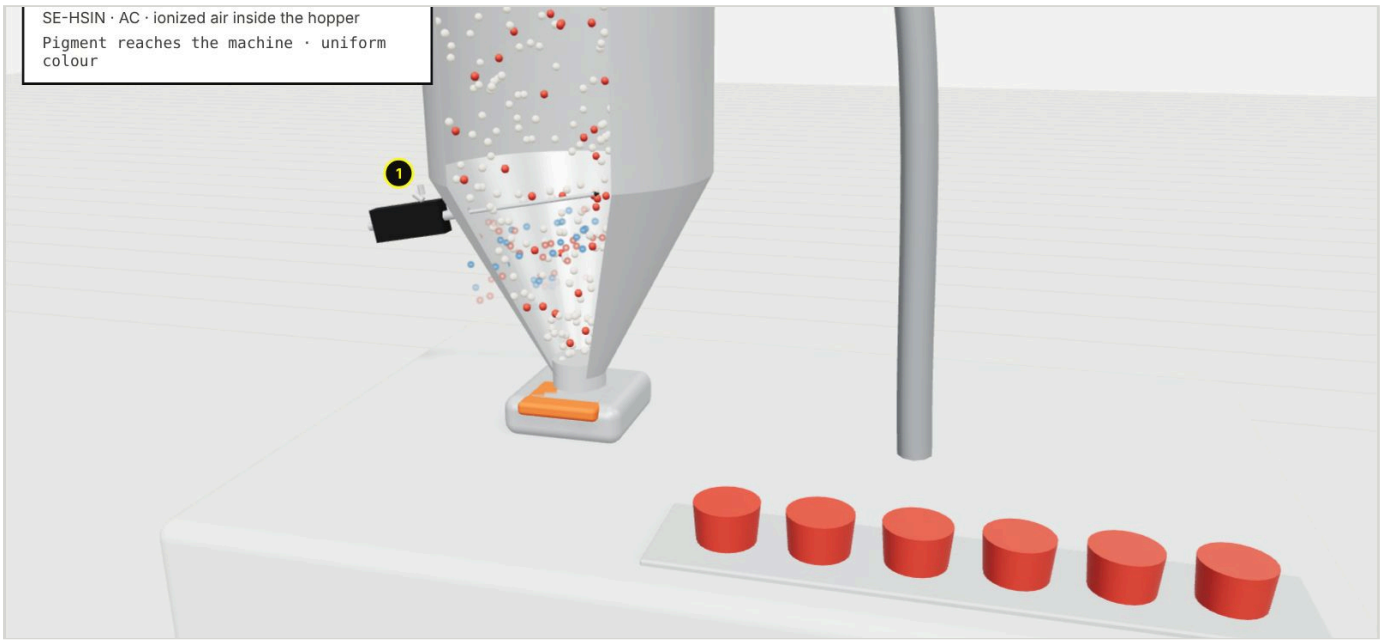
Granule hopper with the SE-HSIN high speed inline nozzle

In the hopper above the injection moulding machine, the charged granules and the colour pigment (masterbatch) stick to the hopper walls. Pigment that stays on the wall never reaches the machine — the parts come out in a different colour: quality defects and scrap. Through a hole drilled into the hopper, the SE-HSIN lance reaches inside and blows ionized air along the wall zone, so granules and pigment flow into the machine in the right mix.

WITHOUT IONIZATION



WITH SE-HSIN



FÖGE product in this application

1 · SE-HSIN-35-SN-C — through the hopper wall

Mounted on the outside of the hopper cone; the perforated ⌀ 6 mm lance reaches through a drilled hole into the hopper and keeps granules and pigment off the walls.

Lance	**100 / 150 / 200 / 250 / 300 mm (200 mm shown)**
Housing	**115.5 × 24 × 49.5 mm**
Air	**⌀ 6 mm hose · 6 bar · dry, filtered**
Supply	**24 V DC via M12 · 0.4 A**
Emitter	**Tungsten — long life**
Safety	**Shockless · pin current < 250 µA**

SE-HSIN details Request technical quote

Interactive 3D model: switch between both states, rotate and zoom. **foge-antistatic.de/applications/granule-hopper-se-hsin/**

Schematic model, not to scale. Machines and parts are generic — no specific manufacturer or brand. Product data as published on foge-antistatic.de.