

The Right Mix

nexeo[®]
plastics

Better together: Blending our expertise for you

OEM Can Breathe Easier with Antistatic Solution for Drug Delivery Device

Performance Requirements and Peace of Mind were Delivered Through a Biocompatible Antistatic Formulation for Inhaler

Geographic location: North America (Canada)

CUSTOMER CHALLENGE:

An OEM customer required ABS and PPC materials for their inhaler device, with strict performance demands including:

- Biocompatibility
- Color stability
- Antistatic properties to ensure proper drug dosage delivery

Additional constraints included locked formulations to meet stringent quality and regulatory standards. Their issue, the incumbent supplier's inability to meet critical needs led to supply disruptions, creating an urgent demand for a reliable solution.

SOLUTION:

Americhem Healthcare used its additive expertise to develop an antistatic solution, preventing medication from adhering to the chamber and ensuring proper delivery. The team provided rapid color matching and ensured consistent color stability to meet aesthetic requirements. Locked formulations and ISO 10993-5 compliance were delivered, along with all necessary documentation for regulatory assurance. A cross-functional team from the Color Lab, Quality & Regulatory, and Manufacturing collaborated to deliver these results under tight deadlines.

RESULTS:

Americhem successfully met all material performance, quality, and regulatory requirements, ensuring continuity of supply and patient safety. The collaborative approach provided peace of mind through innovative problem-solving and reliable service. The customer benefited from antistatic expertise, rapid color matching, and seamless regulatory compliance.

Featured Products: InElec[®] ABS & PPC

Discover how we can help you overcome your material, process, and application challenges.



1.833.446.3936 | nexeoplastics.com | mynexeo.com

All statements, information and data presented herein by Nexeo Plastics are believed to be accurate but are not to be taken as a guarantee or other representation for which Nexeo Plastics and its affiliates and subsidiaries assume legal responsibility.

NEXEO PLASTICS EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARISING OUT OF ANY USE OF THE PRODUCTS OR SERVICES IDENTIFIED HEREIN OR RELIANCE ON ANY INFORMATION PROVIDED HEREIN.

All statements, information, recommendations and products must be thoroughly evaluated and verified by the end user to determine their applicability or suitability for each particular use. Typical values are indicative only and are not to be construed as being binding specifications.

* Trademark owned by a third party

©2025 Nexeo Plastics, LLC. All Rights Reserved.

20250102

