

Specialty Coatings and Automotive

Geon™ Vinyl-Based Technology Solutions

Our Vision

As an industry leader in vinyl compounding, PolyOne's Specialty Coatings business combines science, innovation and support services to develop product solutions that help automotive customers achieve the desired OEM specifications and performance outcomes. Under the well-known Geon™ brand name, this line of vinyl-based products demonstrates our commitment to being a one-source solution for your application needs. We offer custom, high performance vinyl plastisols and vinyl powders as well as standard vinyl plastisols and vinyl powders. In addition, we offer primers and additives.



Vinyl-Based Products: One Source, Many Solutions

PolyOne Specialty Coatings offers a wide range of products that meet the global Automotive market needs in terms of properties, consistency and value.

All products in the Geon™ Automotive vinyl-based portfolio are available in drum to bulk quantities for companies that need both small and large quantities of vinyl materials.

Geon™ Vinyl-based Solutions

Attributes of our automotive vinyl products include:

- **Multiple OEM approvals** for ease of product acceptance and qualification
- **Low VOC** for improved air quality and fog reduction
- **Low temperature performance** for crack resistance and seamless airbag deployment
- **100% molded in color** to eliminate need for painting
- **Paintable materials** for added flexibility
- **Grain & feature detail** for superior aesthetics
- **UV stability** for weathering and color retention performance
- **Chemical resistance** for extended product life
- **Design flexibility** for improved product properties, detail and manufacturability
- **Custom formulation** capability for optimal product performance

PolyOne's investment in research, development and support services is designed to deliver innovative, value-based polymers that address the ever-changing requirements of today's challenging global automotive environment.



Geon™ Vinyl-Based Technology Solutions for Automotive

- Interior trim panels
- Instrument panels
- Seamless airbag
- Arm/headrests
- Filter adhesive
- Boots & fittings

Product Description	Product Type	Process	Color	Attributes	Application
Geon 9400 Series	Plastisol	Molded	Brn/Blk	Chemical Attributes	Filter Adhesive
Geon MB1700 Series	Plastisol	Rotational	Multi	Paintable	Arm/Head Rests
Geon MB1800 Series	Plastisol	Rotational	Multi	Color Match, UV Stabilized	Arm/Head Rests
Geon DB Series	Plastisol	Dip Molded	Blk	Design Flexibility	Miscellaneous Parts
Geon VBX 3400 Series	Powder	Slush	Multi	100% Color Match/UV Stability	Door Panels
Geon VBX 3500 Series	Powder	Slush	Multi	UV Stability/Low VOC (Fog)	Instrument Panel
Geon VBX 3600 Series	Powder	Slush	Multi	UV Stability/Low VOC (Fog)/Low Temperature	Instrument Panel w/ Deployable Airbag

Product choices often vary by region due to differences in regulatory and agency requirements, availability and other key factors. Please contact your nearest sales office for assistance in choosing the right solution for your locale.

CONTACT INFORMATION

PolyOne Americas

33587 Walker Road
Avon Lake, Ohio 44012
United States
+1 440 930 1000

PolyOne Asia

Guoshoujing Road No. 88
Z.J Hi-Tech Park, Pudong
Shanghai, 201203, China
+86 (0) 21 5080 1188

PolyOne Europe

Rue Melville Wilson 2
5330 Assesse, Belgium
+32 (0) 83 660 211



Beyond Polymers.
Better Business Solutions.™

www.polyone.com

Copyright © 2011, PolyOne Corporation. PolyOne makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. PolyOne makes no warranties or guarantees respecting suitability of either PolyOne's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. POLYONE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.