


Geon™ 170 Series Organosol Resins Packaging – Can Coatings

Quality, consistency
and performance
for can coatings
producers worldwide

Product Description




Geon™ 170 Series organosol resins are specifically engineered to provide the quality, performance and regulatory needs of the organosol coating producer. As one of the world's most experienced manufacturers of Specialty Vinyl Resins, PolyOne is also North America's largest supplier of these materials, servicing a wide range of end-use applications. The Geon brand name is globally recognized for product performance, quality and consistency, and Geon 170 Series resins are supplied to organosol coating producers located throughout the world.



Key Advantages

Geon 170 Series resins offer the following features & benefits:

- 
- Low surfactant content means resins do not contribute taste or odor to packaged food and beverages
 - Uniform particle size provides for exceptional dispersion, minimizing the need for subsequent sand milling operations
 - Reduced need for sand milling improves throughput rates, minimizes capital expenditures and reduces processing costs
 - Compliance to FDA 21CFR175.300 enables the use of Geon™ 170 Series in most food contact applications
 - Products are available in a wide range of molecular weights that enable formulating latitude for specific end-product processing and performance characteristics.

Technical Specifications for Geon™ 170 Series Organosol Resins

Materials	Grind Performance (North Fineness)	Molecular Weight	
		IV	K-Value*
Geon 174	5.0	1.0	70
Geon 178	5.0	1.2	75
Geon 171	5.0	1.4	80
Geon 170-L100UF	6.0	1.0	70
Geon 170-L120UF	6.0	1.2	75
Geon 170-L140UF	6.0	1.4	80

* Molecular weight testing is via Inherent Viscosity (IV). Approximate K-Values are provided as a reference only.

Product line features and specifications

The original Geon 170 Series grades supplied at 5.0 North Fineness provide for good dispersibility, resulting in an organosol with a minimal coarse particle presence.

The Geon 170-UF Series product offerings supplied at 6.0 North Fineness feature improved dispersibility versus the original Geon 170 Series product line. With improved dispersibility and grind performance, these products bring additional value through increased throughput, reduced sand-milling and the potential to reduce overall coating weight. All of this is accomplished without compromising the high performance of the product, which continues to provide producers with the ability to create a uniform, defect-free continuous coating.

All products in the Geon™ 170 Series organosol resin product line are available in multiple packaging options to meet your needs.

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

Americas

U.S. – Avon Lake, Ohio
+1 440 930 1000
Maua – SP, Brazil
+55 (11) 4512 9720
Mexico – D.F., Mexico
+52 (55) 5564 6911
Venezuela – Caracas
+58 (212) 9513155

Asia

Japan – Tokyo
+81 3 6912 9102
Taipei – Taiwan
+886 (02) 2541 8641
Thailand – Bangkok
+66 (2) 255 0200
Hong Kong – Kwun Tong
+852 2342 3252
Korea – Seoul
+82 (2) 752 5558

Europe

Turkey – Istanbul
+90 212 2339504
Norway – Skien
+47 45 22 03 93



PolyOne

Beyond Polymers.
Better Business Solutions.™

www.polyone.com

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

Copyright © 2008, 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 data sheet shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.