

RESIFLOW® P-67H FLOW CONTROL AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Resiflow® P-67H is a finer particle size grade of the standard product Resiflow® P-67. For best results, Resiflow® P-67H should be dry-blended with other coating raw materials, then homogenized in a heated extruder. The active ingredient is released and homogenized with the other components during extrusion, creating a compositionally uniform system.

Surface defects such as orange peel, craters, pinholes, and other imperfections can be reduced or eliminated by incorporating 0.7-1.5% of Resiflow® P-67H into pigmented powder coating formulations. It is not recommended for use in clears. This product is widely used and known for its suitability and reliable performance across the spectrum of binder chemistries including polyester-TGIC, polyester-HAA, polyurethane, hybrids, epoxies, and acrylics.

As with any silica supported flow control agent, Resiflow® P-67H should be thoroughly evaluated to determine the best processing method and the optimum concentration of the additive, suitability for the application, as well as to test compatibility and recoat adhesion.

TYPICAL PROPERTIES*

Appearance	White Powder
Specific Gravity (25/25)	1.25 – 1.30
Activity, weight %	65% minimum
Non-Volatile, weight %	97% minimum
Particle size, weight % through No. 18 sieve, Tyler 16 mesh, 1mm aperture	98% minimum

* Not to be used for specification purposes

REGULATORY LISTINGS

The components in this material are either listed or exempt from listing due to polymer exemption criteria for the following chemical listing inventories: AICS (Australia), DSL (Canada), ECL (Korea), ECN (Taiwan), EINECS (Europe), ENCS (Japan), IECSC (China), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA).

Resiflow® P-67H is compliant with 21 CFR 175.300. The finished coating must meet the extractive requirements of 21 CFR 175.300. This aspect of compliance is the responsibility of the manufacturer or user of the finished coating.

PACKAGING (NET WEIGHT)

250 lb. / 113.4 kg in fiber drum with polyolefin liner

PRODUCT AVAILABILITY

This product is commercially available but may require lead time.

STORAGE AND HANDLING

Store in a dry, cool area and avoid excessive heat. Shelf life of unopened containers is one year from date of shipment. Refer to the SDS for additional information.

CONTACT INFORMATION

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Revision Date: September 25, 2017

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