

RESIFLOW® PL-200 FLOW CONTROL AGENT FOR POWDER COATINGS



THE EDGE OF INNOVATION

www.estron.com

GENERAL DESCRIPTION

Resiflow® PL-200 is noted for its superior flow and leveling characteristics, excellent recoatability and intercoat adhesion properties, all of which are essential attributes for powder coating primers.

Surface defects such as orange peel, craters, pinholes, and other imperfections can be reduced or eliminated by incorporating 0.7-1.5% of Resiflow PL-200 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 polyesters, polyurethanes, hybrids, epoxies, and acrylics. For best results, Resiflow PL-200 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, which results in a uniform system.

Resiflow PL-200 is based on the liquid acrylic polymer product Resiflow LV that has been converted into free-flowing powder by adsorption onto silica-type filler. This active ingredient is also available in three different polyester masterbatches for powder coating formulations that require the flow control agent to be predispersed for optimal uniformity and for applications where silica supported additives may not be suitable.

As with any silica supported flow control agent, Resiflow PL-200 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 – 1.27 |
| Activity, weight % | 67-69% |
| Non-Volatile, weight % | 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)

All components are REACH registered per ECHA requirements.

Resiflow PL-200 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

55 lb. / 25 kg in fiberboard box with polyolefin liner

PRODUCT AVAILABILITY

This product is commercially available but may require lead time. Contact your Estron Sales Representative.

Page 1 of 2

This information is not to be taken as warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, and verification. Neither seller nor manufacturer shall be liable for any injury, loss or damage arising out of the use of the product.

**RESIFLOW® PL-200
FLOW CONTROL AGENT
FOR POWDER COATINGS**



THE EDGE OF INNOVATION

www.estrone.com

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

807 N. Main Street

P.O. Box 127

Calvert City, KY 42029 USA

(270) 395-4195 PHONE

(270) 395-5070 FAX

Revision Date: October 18, 2018

Revised by: A. Chizhikova

Approved by: F. Allen