

RESIFLOW® PL-220 FLOW CONTROL AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Resiflow® PL-220 is a flow control agent for powder coatings that imparts unique compatibilizing and anti-cratering robustness properties to powder coating formulations while affording exceptionally smooth films. This product is suitable for multiple binder chemistries including polyesters, polyurethanes, hybrids, epoxies, and acrylics.

The product is based on a liquid acrylic polymer that has been converted into free-flowing powder by adsorption onto silica-type filler. 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-220 into powder coating formulations. For best results, the Resiflow® PL-220 should be dry-blended with other coating raw materials, then homogenized in a heated extruder. As with any raw material, laboratory evaluation is required for each formulation to determine the optimum concentration of the flow additive, best processing method, suitability for the application and other specific requirements such as recoatability.

TYPICAL PROPERTIES*

Appearance	White Powder
Specific Gravity (25/25)	1.29 – 1.33
Activity, weight %	65%
Non-Volatile, weight %	98.0% 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: DSL (Canada), ECL (Korea), ECN (Taiwan), EINECS (Europe), IECSC (China), NZIoC (New Zealand), TSCA (USA).

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 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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TDS Revised by: A. Chizhikova

TDS Approved by: F. Allen

