

RESIFLOW® PL-330 *Experimental Product*
FLOW CONTROL AGENT
FOR POWDER COATINGS



THE EDGE OF INNOVATION

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GENERAL DESCRIPTION

Resiflow® PL-330 is the second-generation flow control agent in Estron's line of products designed for improved compatibility. Resiflow® PL-330 offers improvements over Resiflow PL-220 which has been commercially demonstrated to impart improved compatibility. Improved cross product compatibility can lead to lower manufacturing cost due to reductions in both rework and clean up during product change overs. In addition to the benefits of Resiflow PL-220, Resiflow PL-330 offers enhanced robustness regarding contamination from powders based on super durable polyester technology whether crosslinked with TGIC or hydroxyalkyl amide. Powder coatings containing Resiflow PL-330 also demonstrate significantly improved recoat adhesion. Resiflow PL-330 is not recommended for epoxy systems without confirming recoatability.

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-330 into powder coating formulations. For best results, the Resiflow PL-330 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)	1.23 – 1.31
Activity, weight %	68% min
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: AICS (Australia), DSL (Canada), ECL (Korea), TCSI (Taiwan), ENCS (Japan), IECSC (China), NZIoC (New Zealand), PICCS (Philippines)), TSCA (USA).

All components of Resiflow PL-330 are REACH registered as required by ECHA

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 experimental, with samples available for screening evaluations. Larger quantities are available, although a 4-6 weeks lead time may be required.

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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