

RESIFLOW® P-64F FLOW CONTROL AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Resiflow® P-64F is a specialty flow control agent designed for powder coating systems. It is based on the carboxyl functional acrylic polymer product Resiflow L-64F which has been converted into free-flowing powder by adsorption onto silica-type carrier. Resiflow P-64F provides unique characteristics in a variety of powder coating formulations.

- Isocryl H-1871 formulations: key ingredient in one-shot, low to mid-gloss formulations
- PE-TGIC, hybrid and epoxy clearcoats: balance of good flow and clarity
- GMA Acrylic-DDDA clearcoat formulations: excellent recoatability, clarity and appearance
- Classical, pigmented powder coatings: enhance pigment wetting and displace substrate moisture
- Improving resistance to Dirt Pick Up.

Typical dosages of Resiflow P-64F may range from 0.5 to 2% based on total weight of the formulation. As with any raw material, laboratory evaluation is required for each formulation to determine the best processing method and the optimum concentration of the additive. It is highly recommended to also test compatibility and recoat adhesion.

The active ingredient of Resiflow P-64F, Resiflow L-64F, is also available in several resin masterbatches as non-silica supported and pre-dispersed options.

TYPICAL PROPERTIES*

Appearance	White Powder
Specific Gravity (25/25)	1.25 – 1.35
Activity, weight %	65% minimum
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), ECN (Taiwan), EINECS (Europe), ENCS (Japan), IECSC (China), NZIoC (New Zealand), TSCA (USA).

PACKAGING (NET WEIGHT)

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

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

PRODUCT AVAILABILITY

This product is commercially available and 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.

CONTACT INFORMATION

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