

RESIFLOW® PH-240 FLOW CONTROL AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Resiflow® PH-240 is a specialty powder flow control agent that is based on a hydroxyl functional polymer that has been converted into free-flowing powder by adsorption onto silica-type carrier. Resiflow® PH-240 belongs to the reactive group of Resiflow® flow and leveling agents. It can impart increased surface polarity, improve intercoat adhesion and wetting on hydrophilic substrates such as sandblasted or unpolished metal, as well as improving or eliminating surface defects including orange peel, pinholes and craters.

Resiflow® PH-240 is added at the premix stage with the other powder coating raw materials. The active ingredient is released and homogenized with the other components during extrusion, and this results in a uniform system.

Typical dosages range from 0.7-1.5% based on total formulation weight, and 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.

TYPICAL PROPERTIES*

Appearance	White Powder
Specific Gravity (25/25)	1.27 – 1.31
Activity, weight %	67 - 69
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), IECSC (China), TCSI (Taiwan), TSCA (USA)

All components are REACH registered per ECHA requirements.

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.

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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