

# RESIFLOW<sup>®</sup> PL-210 FLOW CONTROL AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

## GENERAL DESCRIPTION

Resiflow<sup>®</sup> PL-210 is noted for its outstanding performance in extremely demanding powder coating applications that require improved gloss, wet look and smoothness, compared to other classical type flow control additives. The product is based on the liquid acrylic polymer Resiflow<sup>®</sup> L-210 that has been converted into free-flowing powder by adsorption onto silica-type filler. For best results, the material should be dry-blended with other coating raw materials, then homogenized in a heated extruder. The active ingredient is released and dispersed with the other components during extrusion resulting in a uniform system.

Surface defects such as orange peel, craters, pinholes, and other imperfections can be minimized or eliminated by incorporating 0.7-1.5% of Resiflow<sup>®</sup> PL-210 into the premix with the other coating raw materials. This product has reliable performance across the spectrum of binder chemistries including polyesters, polyurethanes, hybrids, epoxies, and acrylics.

As with any silica supported flow control agent, Resiflow<sup>®</sup> PL-210 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 – 1.30
Activity, weight %	65% minimum
Non-Volatile, weight %	97% 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).

Resiflow<sup>®</sup> PL-210 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)

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

## PRODUCT AVAILABILITY

This product is commercially available and may require lead time.

## STORAGE AND HANDLING

Keep container tightly closed and store in a dry, well ventilated area away from heat and sources of ignition. Store at less than 100°F (38°C). Shelf life of unopened containers is one year from date of shipment. See SDS for additional information.

## CONTACT INFORMATION

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TDS Revised by: G. Pearson

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