

LANCO™ 1390 F

Modified Synthetic Wax

PERFORMANCE COATINGS

PRODUCT DESCRIPTION

Lanco™ 1390 F is based on modified synthetic wax, designed to promote surface protection and matting efficiency for use in coating and ink systems. The density of Lanco 1390 F is optimized to essentially eliminate floatation or settling in most water-based systems. It therefore provides excellent in-can stability.

Lanco 1390 F is suitable for use in eco-label paints and coatings at a max. addition level of 25 %.

FEATURES/BENEFITS

- Improved scratch and abrasion resistance
- Efficient gloss reduction
- Anti-slip
- Easy to disperse
- Excellent in-can stability

PHYSICAL CHARACTERISTICS*

Appearance	Whitish powder
Chemical Type	Modified polypropylene wax
Particle Size** (µm)	Dv50 ≤ 11
Melting Point (°C)	165
Density (g/cm ³ @ 20°C)	1.03

TYPICAL APPLICATIONS

Lanco 1390 F can be used in a wide variety of different coating systems and ink formulations.

- Acrylic- and styrene-acrylic dispersions
- Acrylic-urethane hybrids
- Polyurethane dispersions
- Water-dilutable Alkyds
- Aqueous 2pack PU systems
- Aqueous UV systems

* Property values represent typical results only and are not to be considered specifications.

** by Laser Diffraction

Incorporation:

Lanco 1390 F can be easily dispersed using low speed mixers. Formulation variables such as viscosity, solvent package, resin type etc. can influence the ease of incorporation. High energy dispersers may offer advantages in some applications.

Addition Level:

The recommended addition level of Lanco 1390 F is 0.5 to 6.0% based on total formulation weight.

SHELF LIFE/STORAGE

For shelf life information please refer to the packaging label and the Certificate of Analysis. It provides the date of manufacturing (DOM) and a recommended re-test date (RRD). The RRD for Lanco 1390 F is 1825 days after DOM. Lanco 1390 F should be stored on pallets in closed areas. A storage temperature of 30°C should not be exceeded.

REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizolcoatings.com.

A review in accordance with the ecological criteria laid out in 2014/312/EC is available on request.

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