

Lanco™ TF 1780 C

Micronized PTFE-Modified Polyethylene Wax – Low PFOA*

Lanco™ TF 1780 C provides excellent slip and abrasion resistance in coatings, due to their extremely low coefficients of friction. Based on a combination of PTFE and polyethylene wax, it can be used in solvent-borne and powder coatings. Due to the excellent surface properties and compliance with FDA regulations TF 1780 C is especially suited to can and coil coatings. Lanco TF 1780 C complies with the ban on PFOA* under the Stockholm Convention on Persistent Organic Pollutants (POPs).

FEATURES AND BENEFITS

- Abrasion Resistance
- Block Resistance
- Mar Resistance
- Scratch Resistance
- Slip

CHARACTERISTICS

Characteristic Name	Value
Acid Number (mg KOH/g)	< 1
Addition Levels (% on total formula)	0.5 to 2.0%
Appearance	Free flowing white powder
Chemical Type	PTFE / Polyethylene wax
Density (g/cm ³ @ 20°C)	1.07
Hardness (ASTM D-1321)	2
Incorporation Recommendations	Lanco TF 1780C can be easily dispersed into liquid coating formulations using low speed mixers. In low viscosity systems, high speed dispersion may improve incorporation.
Melting Point (°C)	102
Particle Size Dv50 (µm)	< 6
Particle Size Dv90 (µm)	< 14

REGULATORY

- Low PFOA²

²Not intentionally added nor expected to be present above limit values specified in Annex I of Regulation (EU) 2019/1021 adding PFOA, its salts and related substances under the Stockholm Convention on POPs effective July 4th 2020.

APPLICATIONS

- Building & Construction Coatings
- Industrial OEM Coatings
- Analog Printing Coatings
- Analog Printing Inks

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 1,825 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

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

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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