

Lanco™ TF 1778 C

Micronized PTFE-Modified Polyethylene Wax – Low PFOA*

Lanco™ TF 1778 C provides excellent slip and abrasion resistance in solvent based and powder coatings. The polymer is designed for low coefficients of friction, while maintaining high compatibility and dispersability in solvent based and powder coatings. Lanco TF 1778 C provides good metal mark resistance in coil coatings. Lanco TF 1778 C complies with the ban on PFOA* under the Stockholm Convention on Persistent Organic Pollutants (POPs). * PFOA is not 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.

FEATURES AND BENEFITS

- Abrasion Resistance
- Block Resistance
- Clarity
- COF Modification
- Ease of Dispersibility
- Mar Resistance
- Rub Resistance
- Scratch Resistance
- Slip
- Solvent Based
- Water Based

CHARACTERISTICS

Characteristic Name	Value
Acid Number (mg KOH/g)	< 1
Appearance	Free Flowing White Powder
Chemical Type	PTFE / Polyethylene wax
Density (g/cm ³ @ 25°C)	1.04
Hardness (ASTM D-1321)	2
Melting Point (°C)	102
Particle Size Dv50 (µm)	≤ 6
Particle Size Dv90 (µm)	≤ 14

REGULATORY

- EU 10/2011
- FDA
- 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
- Packaging Coatings
- Protective Coatings
- Analog Printing Coatings
- Analog Printing Inks
- Transportation Coatings

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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