

Lanco™ 1777 C

Micronized Polytetrafluorethylene (PTFE)

Lanco™ 1777 C is a micronized PTFE for improving the scratch resistance and slip characteristics of coatings and printing inks. Used as an additive, Lanco 1777 C imparts low surface energy and is well suited where a narrow particle size distribution is desired.

FEATURES AND BENEFITS

- Abrasion Resistance
- Rub Resistance
- COF Modification
- Scratch Resistance

CHARACTERISTICS

Characteristic Name	Value
Addition Levels (% on total formula)	The typical recommended addition level of Lanco1777 C is 0.5 to 3% based on the total formulation.
Appearance	White powder
Chemical Type	Polytetrafluorethylene
Density (g/cm ³ @ 20°C)	2.1-2.3
Incorporation Recommendations	Lanco 1777 C can be incorporated with standard stirring devices. For low viscose systems, higher shear rates may be necessary for homogeneous distribution.
Melting Point (°C)	320-342
Particle Size Dv50 (µm)	≤ 4
Particle Size Dv90 (µm)	≤ 12
Storage & Handling	Material should be stored on pallets in closed areas. A storage temperature of 30°C should not be exceeded.

APPLICATIONS

- Industrial OEM Coatings
- Analog Printing Coatings

AVAILABLE REGIONS

- Asia Pacific

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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