

Lanco™ 1794

Micronized Polytetrafluoroethylene (PTFE)

Lanco 1794 provides an extremely high and consistent level of slip and abrasion resistance due to its extremely low coefficient of friction. It has a very fine particle size distribution and is well suited for use in a wide range of coatings and inks.

FEATURES AND BENEFITS

- Abrasion Resistance
- Clarity
- COF Modification
- Mar Resistance
- Release
- Rub Resistance
- Scratch Resistance
- Water Resistance

CHARACTERISTICS

Characteristic Name	Value
Addition Levels (% on total formula)	0.1 - 2.0
Appearance	Fine white powder
Chemical Type	Polytetrafluoroethylene
Density (g/cm ³ @ 20°C)	2.2
Incorporation Recommendations	Lanco 1794 can be easily dispersed into liquid coatings or inks using low speed mixers. High-energy dispersers may offer advantages in some applications.
Melting Point (°C)	320 - 342
Particle Size Dv50 (µm)	6
Particle Size Dv99 (µm)	35

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
- Packaging Coatings
- Analog Printing Inks
- Industrial OEM 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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