

**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 <sup>3</sup> @ 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 PFOA<sup>2</sup>

<sup>2</sup>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.

## 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](http://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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