

Algoflon® L620

polytetrafluoroethylene

Algoflon® L620 is a white PTFE micronized powder produced from dispersion polymerization comprising loose agglomerates of sub-micron sized primary particles.

Algoflon® L620 can be de-agglomerated to sub-micron particle size by the application of shear providing a better dispersion and distribution of the PTFE particles in the application.

Algoflon® L620 is designed for use in high-end performance coatings and dry lubricants applications to improve non-stick properties, mar and abrasion resistance. Algoflon® L620 is also highly recommended as additive for lubricants with respect to any other solid additive.

Main features are:

- Improved abrasion, scratch and rub resistance
- Increased slip and surface lubricity
- Reduced blocking
- Better chemical resistance
- Increased temperature resistance
- Gloss retention
- Excellent dispersion ability

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Uses	• Additive
Appearance	• White
Forms	• Powder

Physical

	Typical Value	Unit	Test method
Average Particle Size ¹	20	µm	Internal Method
Bulk Density	500	g/l	ASTM D4895
Specific Surface Area	> 7.5	m ² /g	Internal Method

Thermal

	Typical Value	Unit	Test method
Peak Melting Temperature	315 to 325	°C	ASTM D3418

Additional Information

	Typical Value	Unit	Test method
Grind in Oil - NPIRI	1.50		NPIRI