

Algoflon® L100

polytetrafluoroethylene

Algoflon® L100 a white PTFE micronized powder produced from dispersion polymerization comprising loose agglomerates of sub-micon sized primary particles.

Algoflon® L100 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.

Designed for use in critical engineering and high end performance lubricants, Algoflon® L100 will improved

thickening effect, lubricity, improved corrosion and temperature resistance.

Main Algoflon® L100 features are:

- Low coefficient of friction and reduced wear
- Outstanding chemical and corrosion resistance
- High temperature resistance
- Good low temperature torque

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	20	µm	Internal Method
Bulk Density	325	g/l	ASTM D4895
Specific Surface Area	> 20	m²/g	Internal Method

Thermal

	Typical Value	Unit	Test method
Melting Temperature	320 to 330	°C	ASTM D3418