

Algoflon® L203

polytetrafluoroethylene

Algoflon® L203 is a white PTFE micronized powder produced from dispersion polymerization comprising loose agglomerates of sub-micron sized primary particles. Algoflon® L203 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® L203 is designed for use as additive in critical engineering and high-end performance host materials such as thermoplastics, elastomers, coatings, inks and lubricants.

Main features of Algoflon® L203 include:

- High specific surface area
- Low molecular weight
- Good blendability
- Deagglomerated under shear
- Improved lubricity
- Reduced friction and wear

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	5.0	µm	Internal Method
Bulk Density	325	g/l	ASTM D3418
Specific Surface Area	> 7.5	m ² /g	Internal Method

Thermal

	Typical Value	Unit	Test method
Peak Melting Temperature	325 to 335	°C	ASTM D3418