

## Solvay Specialty Polymers Algoflon® L101-1 Polytetrafluoroethylene (PTFE)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , PTFE Powder

### Material Notes:

Algoflon® L101-1 is a white PTFE micropowder comprising loose agglomerates of sub-micron sized particles. It exhibits excellent chemical and heat resistance, low surface energy and low coefficient of friction. Algoflon® L101-1 is specially designed for use as an additive in high quality oils and greases. Having higher specific surface area than Algoflon® L203, it can be used in lower concentrations to reduce coefficient of friction and enhance tribological performance of lubricants. Algoflon® L101-1 can be used in inks for improving abrasion, scratch and rub resistance. Additionally it can impart non-stick properties and improve wear-resistance in thermoplastics and coatings. Features: Good Chemical Resistance; High Heat Resistance; Low Friction; Low Molecular Weight Uses: Additive; Blending Additional Properties: Average Particle Size - Internal Method 3.5 µm; Average Particle Size - Internal Method 0.14 µm; Specific Surface Area - Internal Method > 14 m<sup>2</sup>/g Information provided by Solvay Specialty Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Specialty-Polymers-Algoflon-L101-1-Polytetrafluoroethylene-PTFE.php](http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Algoflon-L101-1-Polytetrafluoroethylene-PTFE.php)

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.300 g/cc	0.0108 lb/in <sup>3</sup>	ASTM D1895

Thermal Properties	Metric	English	Comments
Melting Point	328 - 332 °C	622 - 630 °F	ASTM D3418

Compliance Properties	Metric	English	Comments
FDA	Yes	Yes	

Descriptive Properties	Value	Comments
Agency Ratings	FDA 21 CFR 177.1550	
Availability	Asia Pacific	
	Europe	
	North America	
Color	White	
Form	Powder	

## Contact Songhan Plastic Technology Co.,Ltd.

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