

## Algoflon® L620

Polytetrafluoroethylene

Solvay Specialty Polymers

### Описание материалов:

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

Главная Информация			
Используется	Добавка		
Внешний вид	Белый		
Формы	Порошок		
Физический	Номинальное значение	Единица измерения	Метод испытания
Удельная площадь поверхности	> 7.5	m <sup>2</sup> /g	Internal method
Средний размер частиц-Поверхность <sup>1</sup>	20	µm	Internal method
Плотность объема	500	g/l	ASTM D4895
Масляная шлифовка-Нпири	1.50		NPIRI
Тепловой	Номинальное значение	Единица измерения	Метод испытания
Пиковая температура плавления	315 - 325	°C	ASTM D3418
Дополнительная информация	Номинальное значение	Метод испытания	

## Processing

Algoflon® L620 is used as an additive in paints and coatings where improvements in non-stick, mar resistance, slip, chemical resistance, and moisture repelling characteristics are desired.

Algoflon® L620 may be used independently as an additive or in combination with polyethylene waxes. The PTFE content at the surface layer is required in order to impart the properties of the PTFE to the host material.

## Storage and Handling

The usual precautions for safe storage and handling of Algoflon® L620 should be taken according to material safety documentation and experience. There will be no chemical deterioration of Algoflon® L620 micronized powders during proper storage.

Shelf life of Algoflon® L620 micronized powders will vary depending upon whether the recommended storage conditions are maintained and whether the material remains free from foreign contamination during storage time (not exposed to dirt, dust, water or other chemicals). The material should remain sealed in the original containers and storage conditions should provide for protection from temperature extremes as well as rain, snow or other wet environments (or such conditions which may damage the storage containers in which the product is stored).

## Safety and Toxicology

Before using Algoflon® L PTFE micronized powders consult the product Material Safety Data Sheet and follow all label directions and handling precautions.

As with all PTFE materials, handling and processing should only be carried out in well ventilated areas. Vapor extractor units should be installed above processing equipment. Fumes must not be inhaled and eye and skin contact ought to be avoided. In case of skin contact wash with soap and water. In case of eye contact, flush with water immediately and seek medical help. Do not smoke in areas contaminated with powder, vapor or fumes. See Material Safety Data Sheet for detailed advice on waste disposal methods.

## Packaging

Algoflon® L620 is packaged in 25 kg non returnable drums. Each drum has one bag liner made of polyethylene resin.

## Additional Technical Information

For Material Safety Data Sheet or additional technical information, consult your Solvay sales representative or the website: [www.solvay.com](http://www.solvay.com)

## NOTE

1. Laser Diffraction

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