

## Solvay Specialty Polymers Algoflon® 0.1 Mos PTFE; Molybdenum Disulfide Filled (discontinued \*\*)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

### Material Notes:

Data provided by the manufacturer.0.1 wt.% Molybdenum Disulfide. Suspension polymer powder grade recommended for compression molding. Pure PTFE possesses high inertness, excellent dielectric properties, almost no moisture absorption, low friction coefficient, and is nonflammable.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Specialty-Polymers-Algoflon-01-Mos-PTFE-Molybdenum-Disulfide-Filled-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Algoflon-01-Mos-PTFE-Molybdenum-Disulfide-Filled-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	2.17 g/cc	0.0784 lb/in <sup>3</sup>	ASTM D792
Apparent Bulk Density	0.450 g/cc	0.0163 lb/in <sup>3</sup>	ASTM D4894
Linear Mold Shrinkage	0.033 cm/cm	0.033 in/in	Radial shrinkage of 10 cm o.d. sintered rod at 23°C

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52	52	
Tensile Strength, Ultimate	38.0 MPa	5510 psi	ASTM D638
Elongation at Break	370 %	370 %	ASTM D638
Coefficient of Friction, Dynamic	0.060	0.060	ASTM D1894
Coefficient of Friction, Static	0.080	0.080	ASTM D1894

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	Continuous Service

## Contact Songhan Plastic Technology Co.,Ltd.

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