

Fluon® PTFE Lubricant Powders

AGC

Fluon® Lubricant Powders are manufactured from virgin PTFE feedstock and are used either as dry lubricants or as additives in other materials such as plastic compounds, rubbers, fluoroelastomers, inks, paint, oils and greases. Fluon® Lubricant Powders are FDA 21CFR 177:1550 and EU food contact approved (except FL1730H).

Applications:

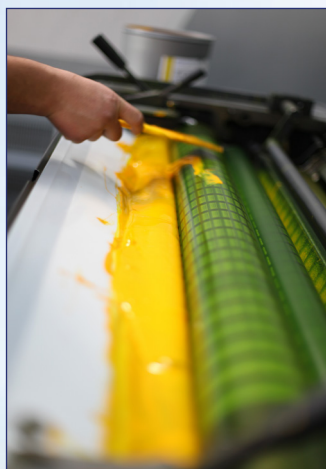
- ◊ Additive in gravure & flexographic printing inks
- ◊ General purpose lubricants
- ◊ Friction reducing additive in thermoplastics
- ◊ Food contact coating

Fluon® PTFE Lubricant Powders for Use as an Additive:

- ◊ To improve surface wear properties in thermoplastic compounds
- ◊ In specialised oils & greases for heavy duty applications
- ◊ To improve scuff & rub resistance in printing inks
- ◊ For frictional & rub properties in metal decorations & coatings
- ◊ To impart easy-cleaning properties in decorative, masonry, aircraft & marine paint



Fluon® PTFE Lubricant Powders
in Specialised Oils & Greases



Fluon® PTFE Lubricant Powders
in Printing Inks



Fluon® PTFE Lubricant Powders
in Thermoplastic Compounds

Lubricant Polymer Grades

Grade	Bulk Density (g/l)	Mean Particle Size - Laser Diffraction (µm)	Surface Area (m ² /g)	FDA Compositional Approval	Applications
FL1650	440	40	1.8	yes	High thermal stability grade recommended for use in thermoplastics
FL1679	1200	750*	-	yes	Used after milling as an additive in printing inks, oils, grease & industrial finishes
FL1680	400	14	1.6	yes	Low porosity lubricant used mainly in printing inks and industrial finishes
FL1690	440	40	1.8	yes	General purpose lubricant, for use in thermoplastics and elastomers
L169E	400	16	3	yes	Premium grade with narrow particle size distribution and high thermal stability for use in thermoplastics
FL1700	530	18	7.8	yes	Friable grade (to sub-micron particle size) used in rubber, elastomers, printing inks, oils, greases and industrial finishes. Suitable for metal decoration (can coating), gravure and flexographic printing inks
FL1700HT	620	25	5.8	yes	Oils and greases in drinking water applications
FL1710	450	6	4.6	yes	Fine particle size with good dispersion in low/high shear mixers used particularly in inks and industrial finishes
FL1730H	480	4	5.5	no	Fine particle size version of FL1710

* Measured by sieve analysis



Anti-Squeak Additives



Thermoplastic Additives



Can Coatings

Contact

AGC Chemicals Europe, Ltd.
Hillhouse International
Thornton Cleveleys
Lancashire
FY5 4QD, UK

Tel: +44 (0) 1253 209560
Email: ptfe@agcce.com
www.agcce.com