

Lubricant Polymers

Fluon® lubricant polymers are manufactured from virgin polytetrafluoroethylene (PTFE) feedstock and have been developed for use as both dry lubricants and as additives in other materials such as plastics, inks, oils and greases. These polymers improve wear resistance and enhance lubricity, non-stick and frictional characteristics of the host media.

The table below shows the main grade range.

Please contact the AG Fluoropolymers sales office for details of other specialist and newly developed lubricant grades.

Lubricant Polymer Grades



1. Computer component applications
 2. Ski wax
 3. Anti scuff agent for ink & paint*
 4. Improved wear in automotive components
- * Image supplied by BASF Printing Systems Ltd

Grade	Bulk Density (g/l)	Mean Particle Size (Malvern Laser Diffraction) (µm)	Surface Area (m ² /g)	FDA Compliant	Applications
FL1679	1300	700	0.8	yes	Used after milling as an additive in printing inks, oils, grease & industrial finishes.
FL1680	450	13	0.8	yes	Low porosity lubricant used mainly in printing inks and industrial finishes.
FL1690	480	21	1.0	yes	General purpose lubricant, especially recommended for use in thermoplastics and elastomers.
XL1607	500	35	1.0	yes	General purpose lubricant, particularly for use in thermoplastics
FL1700	530	-	3.1	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.
FL1710	400	9	2.3	yes	Fine particle size with good dispersion in low/high shear mixers used particularly in inks and industrial finishes.

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