

The AGC logo is located in the top left corner. It consists of the letters 'AGC' in a bold, white, sans-serif font. A small red triangle is positioned between the 'A' and the 'G'.

AGC

The background of the entire page is a photograph of a large cable-stayed bridge. The bridge has a tall, white, A-frame pylon. Numerous white cables fan out from the pylon to support the bridge deck. The bridge deck is made of concrete and has a metal railing. The bridge is set against a clear blue sky with a few wispy clouds. In the foreground, there is a body of water and a rocky shoreline.

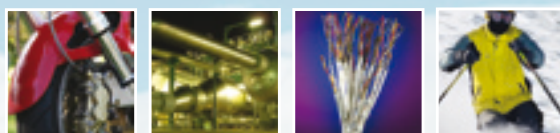
FLUON[®] PTFE ENVIRONMENTALLY FRIENDLY PRODUCTS

The AGC Chemicals logo is located in the bottom right corner. It is a blue rectangular box with white text. The top line reads 'AGC Chemicals' and the bottom line reads 'Chemistry for a Blue Planet'.

AGC Chemicals
Chemistry for a Blue Planet

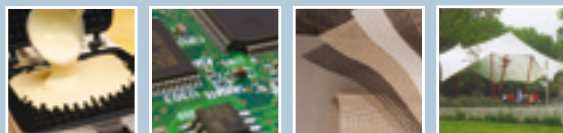


Grade	Bulk Density	Mean Particle Size - Laser Diffraction (µm)	Surface Area (m ² /g)	FDA Approval	Applications
FL1611	400	15	1.0	yes (for use in coatings)	Specifically developed for use in thermoplastics with poor acid resistance.
FL1650	480	21	1.0	yes	High thermal stability grade for use in thermal plastics.
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	20	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.
L169E	440	16	1.0	yes	Premium grade with narrow particle size distribution and high thermal stability 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.



Grade	Polymer Type	SSG	Extrusion* Pressure (MPa)	Mean Particle Size (µm)	Reduction Ratio Range	Bulk Density (g/l)	Applications
CD084	Copolymer	2.15	27	420	100-700:1	470	Low extrusion version of CD086.
CD086	Copolymer	2.15	30	475	100-500:1	470	High performance hose.
CD090	Copolymer	2.19	38	580	400-4000:1	450	Wire coating, small diameter transparent tubing.
CD097	Copolymer	2.19	38	510	100-4000:1	480	Wire coating and tubing at high reduction ratios.
CD126	Copolymer	2.19	50	520	10-300:1	470	Electrical tape.
CD122	Homopolymer	2.16	50	500	15-300:1	545	Electrical tapes and fibres.
CD123	Homopolymer	2.16	45	475	15-300:1	545	Pipeliners, electrical tape.
CD127	Homopolymer	2.16	35	475	25-400:1	545	Pipeliners, electrical tape.
CD141	Homopolymer	2.18	27	475	25-700:1	520	Low density threadseal tape.

*Extrusion pressure is measured in accordance with ISO 12086-2
Reduction ratio 1600:1 for Fluon® CD090 and CD097
Reduction ratio 400:1 for all other Fluon® CD grades



Grade	Polymer Type	Mean Particle Size (nm)	Critical Film Thickness (µm)	Surfactant Type	Surfactant Content (% Weight on PTFE)	Solids Content (% PTFE)	Viscosity at 23°C (cP)	Applications
AD130*	Homopolymer	265	24	Non Ionic	6.5	60	20	For metal coating.
AD207	Homopolymer	265	18	Non Ionic	6.5	61	28	Coating of woven fabrics (when superior wetting properties required).
AD 208*	Homopolymer	265	24	Non Ionic	5.5	60	20	Coating of woven fabrics (when superior wetting properties required).
AD300	Homopolymer	275	N/A	Anionic	N/A	30	N/A	Co-coagulation with pigments or fillers.
AD316L*	Copolymer	220	10	Non Ionic	6.0	60	20	Modified grade for high gloss metal coatings.
AD650*	Homopolymer	265	N/A	Non Ionic	3.0	30	10	De-dusting of absorbent clays.
GP1	Homopolymer	265	15	Non Ionic	6.0	60	20	General purpose grade for metal coating, glasscloth coating and impregnation.
GSD7	Homopolymer	230	N/A	Anionic	3.3	32	10	For coagulation with metal and other fillers for dry bearings.

*Low APFO grade (less than 50ppm on PTFE)



Grade	Polymer Type	Bulk Density (g/l)	Flow (mm)	Flow (s)	Mean Particle Size (µm)	Preform Pressure (MPa)	Shrinkage (%)	Ultimate Tensile Strength (MPa)	Tensile Elongation to Break (%)	Electrical Breakdown Voltage (kV/mm)	Applications
G110	Fine milled	225	-	-	20	-	-	-	-	-	Principally for blending with fillers.
G155	Fine powder	420	-	-	30	16	5	33	350	80	Blending with fillers. General moulding.
G163	Fine powder	335	-	-	25	16	5	35	375	90	Blending with fillers. Billets for skived tape.
G201	Pre-sintered extrusion	675	7	4.5	500	Extrusion only	12	22	330	50	Ram extrusion of small sections.
G204	Pre-sintered homo-polymer	575	-	-	100	-	-	-	-	-	Principally as an additive, e.g. to coating systems. May be moulded for specialist applications.



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