

Fluon® granular polytetrafluoroethylene (PTFE) polymers are fabricated by moulding and ram extrusion. Fine powders are suitable for applications requiring the very best mechanical or electrical properties.

G201 is a pre-sintered grade for extrusion.

Please contact the AGCCE sales office for the latest information.

This information sheet contains typical property data which should not be used for specification purposes.

(Fluon® is a trademark of Asahi Glass Company)

Granular Polymer Grades

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 homopolymer	575	-	-	100	-	-	-	-	-	Principally as an additive, e.g. to coating systems. May be moulded for specialist applications

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