Fluon® PTFE G307

Polytetrafluoroethylene

Asahi Glass Co., Ltd.

Message:

Fluon®PTFE granular powders (moulding powders) are used for the production of sheets, rods, billets and other general mouldings. Filled compounds are described in other page.
Applications:
general moulding for G307, G340 and G350
automatic moulding for G307, G340 and G350
isostatic moulding for G307, G340 and G350
rod (›diameter 20mm) and pipe by ram extrusion for G307
Characteristics:
agglomerated (free flowing) unsintered powders. the best powder flow for G307.
good surface finish and high bulk density for G340 and G350 the highest bulk density for G350.

General Information	
Features	Good Surface Finish
Uses	General Purpose Piping Rods
Forms	Powder
Processing Method	Isostatic Molding Ram Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.75	g/cm³	JIS K6891
Molding Shrinkage	2.8	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	36.0	MPa	JIS K6891
Tensile Elongation (Break)	350	%	JIS K6891
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Median Particle Size	650.0	µm	ASTM D1457
Injection	**Nominal Value**	**Unit**	
Injection Pressure	30.0	MPa	

Recommended distributors for this material

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