

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/cm ³ | 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 | |

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