

FS3401GB

Advanced Glass Bead Filled Material offering industrial parts with high mechanical properties

Key Features:

- > Good processability by laser sintering technology
- > Build parts with good size-stability
- > High resistance to thermal deformation
- > High resolution in contour and surface

Example Applications:

- > Perfect for functional parts production requiring high mechanical strength and rigidity
- > Industrial series production & spare parts fabrication
- > Electrical tool, automotive engine cooling system

[Technical Data]

General Properties	Bulk Density	0.67 g/cm ³
	Part Density	1.26 g/cm ³
	Color	Grey
Thermal Properties	Melting Point (10°C/min) ISO 11357-1:2020	184 °C
	Heat Deflection Temp(HDT) @1.8 MPa ISO 78-1:2020	68.8 °C
	Heat Deflection Temp(HDT) @0.45 MPa ISO 78-1:2020	152.4 °C
	Tensile Strength ISO 527-1:2019	44 MPa
Mechanical Properties	Tensile Modulus ISO 527-1:2019	2644 MPa
	Elongation at Break ISO 527-1:2018	9.3%
	Flexural Strength ISO 178:2019	60.3 MPa
	Flexural Modulus ISO 178:2019	2210 MPa
	Izod Impact Strength (notched) ISO 180:2019	6.6 KJ/m ²
	Izod Impact Strength (unnotched) ISO 180:2019	31.1 KJ/m ²

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High Frequency Muffler
System: SS403P
Partner: CAMC



Vacuum Energy Storage Tank
System: SS403P
Partner: CAMC

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