FS3401GB

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

Key Features:

> Good processibility 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/cm³
	Part Density	1.26 g/cm³
	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
Mechanical Properties	**Tensile Strength** ISO 527-1:2019	44 MPa
	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/m²
	Izod Impact Strength (unnotched) ISO 180:2019	31.1 KJ/m²

High Frequency Muffler
System: SS403P
Partner: CAMC

Vacuum Energy Storage Tank
System: SS403P
Partner: CAMC

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