

Technical Data Sheet FS3400GF

Performance		Value	Unit	Method/Condition
<b>General Properties</b>				
Bulk density		0.67 g/cc	g/cc	
Particle size distribution	D90	50 $\mu$ m	$\mu$ m	
	D50	39 $\mu$ m	$\mu$ m	
	D10	16 $\mu$ m	$\mu$ m	
Density of parts		1.26 g/cc	g/cc	
<b>Thermal Properties</b>				
Melting point		184	$^{\circ}$ C	
Heat Deflection Temperature (HDT)	1.8Mpa	/	$^{\circ}$ C	GB/T 1634.2-2000
	0.45 Mpa	/	$^{\circ}$ C	
<b>Mechanical Properties</b>				
Tensile Strength		44	MPa	GB/T 1040.2-2006
Tensile Modulus		3500~7800	Mpa	GB/T 1040.2-2006
Elongation at Break		5	%	GB/T 1040.2-2006
Flexural Strength		68	Mpa	GB/T 1040.2-2006
Flexural Modulus		2415	Mpa	GB/T 1040.2-2006
Impact Strength (notched Izod)		4.13	KJ/m <sup>2</sup>	GB/T 1843-2008
Impact Strength (unnotched Izod)		19.28	KJ/m <sup>2</sup>	