

SLS Materials

FS3300PA

General Properties

Color	White
Bulk Density	0.48 g/cm ³
Density of Parts	0.95 g/cm ³

Thermal Properties

Melting Point	183°C
Heat Deflection Temp (HDT), 1.8MPa GB/T 1040.2-2006	83.5°C
Heat Deflection Temp (HDT), 0.45MPa GB/T 1040.2-2006	146.2°C

Thermal Properties

Tensile Strength GB/T 1040.2-2006	46 MPa
Tensile Modulus GB/T 1040.2-2006	1602 MPa
Elongation at Break GB/T 1040.2-2006	36%
Flexural Strength GB/T 1040.2-2006	43.6 MPa
Flexural Modulus GB/T 1040.2-2006	1300 MPa
Impact Strength (notched Izod) GB/T 1843-2008	4.9 KJ/m ²
Impact Strength (unnotched Izod) GB/T 1843-2008	13.2 KJ/m ²

SLS Materials

FS3400GF

General Properties

Color	Grey
Bulk Density	0.67 g/cm ³
Density of Parts	1.26 g/cm ³

Thermal Properties

Melting Point	184°C
Heat Deflection Temp (HDT), 1.8MPa GB/T 1040.2-2006	88°C
Heat Deflection Temp (HDT), 0.45MPa GB/T 1040.2-2006	162°C

Thermal Properties

Tensile Strength GB/T 1040.2-2006	44 MPa
Tensile Modulus GB/T 1040.2-2006	3500 - 7800 MPa
Elongation at Break GB/T 1040.2-2006	5%
Flexural Strength GB/T 1040.2-2006	68 MPa
Flexural Modulus GB/T 1040.2-2006	2415 MPa
Impact Strength (notched Izod) GB/T 1843-2008	4.13 KJ/m ²
Impact Strength (unnotched Izod) GB/T 1843-2008	19.28 KJ/m ²