

SLS Materials

PP+GF (3200P)

PP Glass-Filled Powder, with excellent toughness, strength, non-absorbent, and corrosion-resistant.

General Properties

Colour	Off-white
Bulk Density	0.58 g/cm ³
Part Density	1.17 g/cm ³

Thermal Properties

Melting Point	145°C	
Thermal Deformation 1.8MPa	60°C	GB/T 1634.2-2004
Temperature (HDT) 0.45MPa	100°C	GB/T 1634.2-2004

Mechanical Properties

Tensile Strength	32 MPa	GB/T 1040.2-2006
Tensile Modulus	2000 MPa	GB/T 1040.2-2006
Elongation at Break	30%	GB/T 1040.2-2006
Flexural Strength	28.7 MPa	GB/T 9341-2008
Flexural Modulus	2100 MPa	GB/T 9341-2008
Impact Strength (notched Izod)	2.3 KJ/m	GB/T 1843-2008
Impact Strength (unnotched Izod)	11 KJ/m	GB/T 1843-2008