

General Properties

FS 3300PA

Nylon Powder

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

Thermal Properties

Melting Point	183° C
Heat Deflection Temp (HDT) 1.8 MPa GB/T 1634.2-2004	83.5° C
Heat Deflection Temp (HDT) 0.45 MPa GB/T 1634.2-2004	146.2° C

Mechanical 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 9341-2008	46.3 MPa
Flexural Modulus GB/T 9341-2008	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