

Product Texts

High Impact, Heat Stabilized, Bio-based polyamide 5.6

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Tensile Strength	60	MPa	ISO 527
Strain at break	24	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Izod notched impact strength, +23°C	70	kJ/m ²	ISO 180/1A

Thermal properties

	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

Other properties

	Value	Unit	Test Standard
Density	1100	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	240 - 250	°C	-
Mold temperature	40 - 90	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Certifications

Contains renewable resources

Regional Availability

North America, Europe, South and Central America