

Product Texts

High Impact, Heat Stabilized, Bio-based polyamide 5.6

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	38	MPa	ISO 527
Flexural modulus, 23°C	1250	MPa	ISO 178
Flexural strength	60	MPa	ISO 178
Izod notched impact strength, +23°C	60	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	1080	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

Certifications

Contains renewable resources

Delivery form

Black

Regional Availability

North America, Europe, South and Central America

Special Characteristics

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