

Product Texts

Lubricated, Bio-based Polyamide 5.6

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	77	MPa	ISO 527
Strain at break	5.5	%	ISO 527
Flexural modulus, 23°C	2350	MPa	ISO 178
Flexural strength	120	MPa	ISO 178
Izod notched impact strength, +23°C	4.7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	257	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	1140	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

Additives

Lubricants

Certifications

Contains renewable resources

Regional Availability

North America, Europe, South and Central America