

M·BIOBASE® PPH 120 nat CI

PP

BIO-FED

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1550	MPa	ISO 527
Yield stress	34	MPa	ISO 527
Yield strain	9	%	ISO 527
Strain at break	330	%	ISO 527
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	905	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	<260	°C	-
Mold temperature	10 - 30	°C	-
Zone 1	210 - 230	°C	-
Zone 2	220 - 240	°C	-
Zone 3	230 - 250	°C	-
Nozzle temperature	240 - 260	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Features

Homopolymer

Certifications

Contains renewable resources, ISCC Plus

Applications

Packaging

Regional Availability

Europe