

UPM ForMi SP 50

PP-L50

UPM

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5500	MPa	ISO 527
Tensile Strength	66	MPa	ISO 527
Strain at break	3.5	%	ISO 527
Charpy impact strength, +23°C	37	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	1130	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	115	°C	-
Pre-drying - Time	3	h	-
Melt temperature	200	°C	-
Mold temperature	60 - 120	°C	-
Zone 1	175	°C	-
Zone 2	180	°C	-
Zone 3	185	°C	-
Nozzle temperature	190	°C	-
Injection pressure	120	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Certifications

Contains renewable resources

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa