

PolyFibra PF-PEI02

PP-W

FuturaMat

Product Texts

PF-PEI02 is an agromaterial descending from the PolyFibra® range, PF-PEI02 is a Polypropylene strongly reinforced by wood fibers (spruce).

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.1	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3140	MPa	ISO 527
Yield stress	36	MPa	ISO 527
Yield strain	2.7	%	ISO 527
Stress at break	36	MPa	ISO 527
Flexural modulus, 23°C	4170	MPa	ISO 178
Charpy impact strength, +23°C	14	kJ/m ²	ISO 179/1eU
Shore D hardness	73	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	83	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1080	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

Europe

Certifications

Contains renewable resources