

PolyFibra PF-PEF04

PP-W

FuturaMat

Product Texts

PF-PEF04 is an agromaterial descending from the PolyFibra range. PF-PEF04 is a Polypropylène and wood fibers (spruce)-based product.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5.5	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2320	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	3	%	ISO 527
Stress at break	28	MPa	ISO 527
Flexural modulus, 23°C	2700	MPa	ISO 178
Charpy impact strength, +23°C	16	kJ/m ²	ISO 179/1eU
Shore D hardness	71	-	ISO 7619-1

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	71	°C	ISO 75-1/-2

Other properties

	Value	Unit	Test Standard
Density	1010	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Certifications

Contains renewable resources