

The **higher**
Bio-based™
BIOPLAS

Compost it greener

Product properties

- FZ71PM-HB*
- FZ71PB-HB*

Properties	Test Method	Unit	Value
Density	ISO 1183	g/cm ³	1.26
MFR (190°C, 2.16 kg)	ISO 1133	g/10 min	22
Melting Point	ISO 3146	°C	115
Yield Stress	ISO 527-2	MPa	40
Stress at Break	ISO 527-2	MPa	30
Strain at Break	ISO 527-2	%	105
Flexural Modulus	ISO 178	MPa	560
Flexural Strength	ISO 178	MPa	35
Izod Impact Strength (23°C)	ISO 180	kJ/m ²	4
Heat Deflection Temperature (0.45 MPa)	ISO 75-1	°C	95
Rockwell Hardness	ISO 2039-2	R Scale	107

- FZ91PM-HB*
- FZ91PB-HB*

Properties		Test Method	Unit	Value
Density		ISO 1183	g/cm³	1.26
MFR (190°C, 2.16 kg)		ISO 1133	g/10 min	5
Melting Point		ISO 3146	°C	115
Tensile Modulus	MD	ISO 527-3	MPa	530
	TD			532
Yield Stress	MD	ISO 527-3	MPa	33
	TD			31
Stress at Break	MD	ISO 527-3	MPa	33
	TD			31
Strain at Break	MD	ISO 527-3	%	20
	TD			14
Elmendorf tear strength	MD	ISO 6383-2	N/mm	3.0
	TD			3.2
Puncture Impact		PTTMCC method	kJ/m	4

* PM grades are designed for food contact application.
PB grades are designed for non food contact application.

