

Technical Data Sheet

Bluepha[®] PHA resin BP350-05

Revision date: 2023-01-31

Product Name: Bluepha[®] PHA resin

Product Code: BP350-05

Bluepha[®] PHA resin BP350-05 is a biopolymer with good thermoplastic processing properties, which can be used in the following processes:

- Thermoforming
- Extrusion molding
- Blow molding
- Casting

Typical Material Properties:

Item	ISO	Unit	BP350-05
Density	1183	g/cm ³	1.19
Melt Index (165°C/5kg)	1133	g/10min	3-5
Melting Point (T _m)	(DSC)	°C	133
Glass Transition Temperature (T _g)	(DSC)	°C	-2
DTUL (0.45MPa)	75	°C	85
Flexural Modulus	178	MPa	1000
Charpy Notched Impact Strength	179	kJ/m ²	1.30

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