

## DP-7126

### Product Description

Fully biodegradable out-of-mold crystallization injection modified resin, mineral powder filler 30%

### Features and application fields

The material can be completely degraded, has strong bacteriostatic properties, no peculiar smell, and has excellent mechanical properties. It is suitable for out-of-mold crystallization process. standard. Used in injection products such as knives, forks and spoons

### Typical performance

Test item	Test condition	Test standard	Unit	Reference
<b>Basic properties</b>				
proportion	/	ISO 1183	g/cm <sup>3</sup>	1.37
The melt flow rate	190°C, 2.16kg	GB/T 3682	g/10min	26
Mechanical behavior				
Tensile Strength	23°C, 50mm/min	ISO 527	MPa	34.4
Elongation at break	23°C, 50mm/min	ISO 527	%	5.1
Heat distortion temperature	/	GB/T 1634	°C	85.8
Bending strength	23°C, 2mm/min	GB/T 9341	N/mm <sup>2</sup>	57.4
Notched Impact Strength	23°C, 2.75J	GB/T 1843	KJ/m <sup>2</sup>	3.1
<b>Recommended processing conditions</b>				
drying temperature			°C	80
drying time			h	4-6
Processing temperature			°C	165-190
mold temperature			°C	80-90

Note: This typical physical property is not a sales specification