

Technical Data Sheet

DP-7124

Products Description

Fully biodegradable thin-wall injection molding modified resin, mineral fillers 20%

Specialty&Application

The material has excellent mechanical properties, can be fully degraded, strong bacteriostatic, can do thin wall injection; Products are easy to demoulding; DIN certification, EN13432, GB 4806.7, GB/T 18006.3 test standards. Used in milk tea cups, lunchboxes and other injection molding products

Typical performance

Test Program	Test Condition	Test Standard	Unit	Reference No.
Basic Properties				
Proportion	/	ISO 1183	g/cm ³	1.33
MFR	190°C, 2.16kg	GB/T 3682	g/10min	40
Mechanical Properties				
Tensile strength	23°C, 50mm/min	ISO 527	MPa	37
Elongation	23°C, 50mm/min	ISO 527	%	2.5
HDT	/	GB/T 1634	°C	75.5
Flexural Strength	23°C, 2mm/min	GB/T 9341	N/mm ²	58.5
NIIS	23°C, 2.75J	GB/T 1843	KJ/m ²	5.9
Suggested Process Condition				
Dry Temp			°C	80
Dry Time			h	4-6
Process Temp			°C	165-190
Mould Temp			°C	80-90

NOTE: This typical property is not considered as a sales specification