

TEXa M346 is a bio based compound consists of a minimum 45 wt% biomass. It is formulated from agricultural waste.

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	TEST METHOD	UNIT	VALUES
Specific Gravity	ASTM D792	-	1.10
Melt Flow Rate @ 230°C/ 2.16kg	ASTM D1238	g/ 10 min	16
Flexural Strength	ASTM D790	MPa	39
Flexural Modulus	ASTM D790	MPa	1560
Izod Impact Strength (Notched)	ASTM D256	J/m	36
Heat Deflection Temperature			
· Stress : 0.45 MPa	ASTM D648	°C	120
Odour Rating	Volvo STD 429-0001	-	Grade 3

Note: The stated values for TEXa are typical test results and not limiting specification values. As TEXa is made from natural material, there may be variation in color and odor from batch to batch.

Features

- High heat resistance
- Good water resistance
- Colourable
- Recyclable to PP
- Good damping behaviour

Applications

- Household & personal care products
- Office stationary
- Tableware & Disposable wares
- Gardne tool
- Also as potential wood replacement material

PROCESSING GUIDELINES FOR TEXa M346

TEXa M346 in pellet form is recommended to be stored in properly sealed packaging at dry condition and away from sun light.

PARAMETER	UNIT	TYPICAL VALUE
Drying Temperature	°C	80
Drying Time / Moisture Content before moulding	Hours / %	4-6 / 0.1
Melt Temperature during processing	°C	160-180
Mould temperature range	°C	40-60