

ARBOBLEND® V1

Biodegradable Polymers

TECNARO GmbH

Message:

Thermoplastics from renewable resources for plastics processing

Our granules ARBOFORM ® , ARBOBLEND ® and ARBOFILL ® can be processed with injection moulding, extrusion, calendering, blow molding, deep drawing or pressing into moulded parts, half-finished product, sheets, films oder profiles.

ARBOBLEND© granules are 100% biodegradable and show comparable material properties as classic plastics with high impact strength(e.g. ABS). Depending on the application, ARBOBLEND© contains different biopolymers like e.g. Polyhydroxialkanoate, Polyester, Ingeo TM, Lignin, Starch, Cellulose, organic additives, natural resins or waxes and natural reinforcing fibers.

General Information	
Features	Biodegradable
	Renewable Resource Content
Uses	Bottles
	Furniture
	Sheet
Forms	Pellets
Processing Method	Blow Molding
	Calendering
	Extrusion
	Injection Molding
	Press Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2940	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	56.8	MPa	
Break	28.4	MPa	
Tensile Strain			ISO 527-2
Yield	2.4	%	
Break	5.7	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	42	kJ/m²	ISO 179

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Recommended distributors for this material

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