

# ARBOFORM® ZE 50 natur

Cellulose Acetate  
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.

ARBOFORM® is the ecological, aesthetic and yet sophisticated alternative to your plastics products.

ARBOFORM® offers plastics-specific processing capability which means competitive pricing and high accuracy for products so far machined from laminated wood, presspahn or MDF board. What is more, ARBOFORM® is clean by ecological standards, ensuring more environmentally sound manufacture and disposal than the above wood materials that use toxic glue binders.

As against expensive solid wood shapes, which, besides, are often made from Tropical woods, it is the fact that it can be freely and accurately formed that lets ARBOFORM® compare favourably with conventional, mostly rather plain wood shapes. Apart from providing a pleasing natural surface, inexpensive refinement by adding real wood veneers, or even three-dimensional inlay work at moderate pricing is possible for most applications.

General Information	
Features	Biodegradable
	Low to No Odor
	Renewable Resource Content
Uses	Electrical/Electronic Applications
	Jewelry
	Toys
Appearance	Natural Color
Forms	Pellets
Processing Method	Blow Molding
	Calendering
	Extrusion
	Injection Molding
	Press Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4850	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	29.2	MPa	
Break	29.2	MPa	
Tensile Strain			ISO 527-2
Yield	0.69	%	
Break	0.69	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m²	ISO 179

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