



Product Information

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900393

Biodolomer® T

Biodegradable Compound

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Product Description

Biodolomer® T is a PLA-free biomaterial developed for the thermoforming process.

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Compostability and Biodegradability

Biodolomer® T fulfills the requirements of the existing standards for industrial composting. Application for composting at ambient temperatures is in process.

Food Regulatory Status

Biodolomer® T in its composition with the European food stuff legislation for food contact,EU Directive 10 / 2011 / EC with amendment 2020/1245. The converter or packer has to check the suitability of the article for the application.

Biodolomer® T is developed to be microwave safe.

Form Supplied and Storage

Biodolomer® T is supplied as lenticular pellets in big bags.

Temperatures during transportation and storage may not exceed 60 °C at any time.

Storage time of unopened bags may not surpass 12 month at room temperature (23 °C).

Applications

Biodolomer® T 900393 is a versatile grade and is suitable for both thermoforming and extrusion processes. It may also be used for bottle blowing applications.

Process instructions is available on demand.

Typical Material Properties of Biodolomer® T

*not to be construed as specifications

Property	Unit	Test Method	Biodolomer® T
Mass Density	g/cm ³	ISO 1183	1.46
Bulk Density	kg / m ³	DIN EN ISO 60	800
MFI190 °C, 2.16 kg	g/10min.	ISO 1133	5
Melting Temp	°C	DSC	130
Heat Distortion Temp (HDT)	°C	DSC	115
Tensile Stength	MPa	ISO 527	82
MaxLoad	N	ISO 527	654
Elongation	%	ISO 527	42

Note

The information submitted in this document is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance for a special purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. (June 2021).