

BIOTEC

Disclaimer This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.

BIOTEC

Properties

Parameter	target Value	Unit	Test method
Material Density	1.62	[g/cm3]	EN ISO 1183
Moisture content	±0.15	[weight %]	

Mechanical Properties

Parameter	target Value	Unit	Parameter	target Value	Unit
Charpy impact strength average	2	[kJ/m2]	Strain at strength	2	[%]
Flexural modulus	7441	[MPa]	Thickness	245	[m]
Flexural stress at break	76	[MPa]	Tear resistance	1501	[mN]
Flexural strain at break	2	[%]	Tear resistance	153	[g]
Flexural stress at conventional deflection	6	[MPa]	Tear resistance	1	[g/m]
Flexural strength	77	[MPa]	Tear resistance	6	[kJ/m2]
Flexural strain at flexural strength	2	[%]	Oblique tear	0	[%]
Tensile modulus	6271	[MPa]	Thickness	245	[m]
Stress at yield	n/a	[MPa]	Tear resistance	1610	[mN]
Strain at yield	n/a	[%]	Tear resistance	164	[g]
Stress at break	47	[MPa]	Tear resistance	1	[g/m]
Nominal strain at break	n/a	[%]	Tear resistance	7	[kJ/m2]
Strain at break	2	[%]	Oblique tear	0	[%]

Disclaimer This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.