

# BIOTEC

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

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