



## Technical data sheet

### ISOFORM LIP RF R9003

#### Key benefits

Wood Plastic Composite  
100 % Recycable  
Surface treated

#### General application

Furniture Industry  
Paintable edgebanding  
Automotive industry

	Test method	Unit	Value
<b>General properties</b>			
Density	DIN 53479	g/cm <sup>3</sup>	1.06
Filler content		%	40
<b>Mechanical Properties</b>			
Tensile modulus	ISO 527	MPa	-
Tensile strength	ISO 527	MPa	-
Elongation at break	ISO 527	%	-
Flexural modulus	ISO 178	MPa	2500
Charpy notched impact strength at 23°C	ISO 179	kJ/m <sup>2</sup>	-
Charpy unnotched impact strength at 23°C	ISO 179	kJ/m <sup>2</sup>	30
Hardness	ISO 868	Shore D	70
<b>Thermal properties</b>			
Melting temperature	ISO 3146	°C	163
Vicat softening temperature - A50	ISO 306/A50	°C	-
Vicat softening temperature - B50	ISO 306/B50	°C	-
Heat deflection temperature B (0.45 MPa)	ISO 75B	°C	-
Heat deflection temperature A (1.80 MPa)	ISO 75A	°C	-
Service temperature (intermittent)		°C	150
Service temperature (long term)		°C	from 0 to 100
<b>Other properties</b>			
Surface resistivity	LabeOHM	Ω	>10E14
Water absorption	24h/RT	%	<1,8
Flammability			-
Mould shrinkage	Compared to a reference form	%	Longitudinal: Transverse:

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