

## DATASHEET

# MadFlex Carbon deluxe

	UNITÀ	VALORE TIPICO	TEST
Thickness	mm	5	
Areal weight	kg/m <sup>2</sup>	1,4	
Tensile strength	kN/m	450	ASTM D3039/D3039M
Failure bending moment	N·m/m	190	ASTM D7250/D7250M
Bending stiffness "rigid side"	N·m <sup>2</sup> /m	50	ASTM D7250/D7250M
Bending stiffness "flexible side"	N·m <sup>2</sup> /m	0,35	ASTM D7250/D7250M
Flatwise compressive strength	MPa	1,6	ASTM C365/C365M
Heat transfer coefficient	W/ m <sup>2</sup> °K	7,2	DIN52612

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