

The parameters indicated in this Certificate of Quality refer to values specified in standard below. The test results performed by BERNECK, according to standard procedures and methodologies, are in compliance with the specifications.

Properties	Units	Limits	Product Results
		Standard ANSI A208.2	9 mm CARB
Start Production	-	-	25-Feb-19
End Production	-	-	25-Feb-19
Thickness tolerance	mm	0,125	0,050
Length and Width Tolerance	mm	2,0	1,2
Squareness (maximum tolerance)	mm	3,0	0,8
Density	g/cm ³	0,5 - 1,0	0,745
Internal Bond (minimum)	N/mm ²	0,54	0,75
Bending Strength (minimum)	N/mm ²	21,6	39,1
Modulus of elasticity (minimum)	N/mm ²	2.160	3.347
Screw Holding – Face (minimum)	N	988	-
Screw Holding – Edge (minimum)	N	789	-
Thickness Swell (maximum)	%	17,4%	14,9%
Moisture Content	%	0,0 - 9,0%	5,1%
Formaldehyde Emission (maximum) - JIS A 01460 Desiccator Method	mg/l	0,723	0,635
Formaldehyde Emission (maximum) - Correlation with ASTM D6007-14 method	ppm	0,110	0,088
Formaldehyde Extraction (maximum) - ABNT NBR 14810 Method	mg/100 g	-	-
Water Resistance - Cyclic Method (IB minimum)	N/mm ²	-	-
Water Resistance - Cyclic Method (Thickness Swell (maximum))	%	-	-

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