

Tensile strength test

N	10
Breaking load, average	24,3 kN
Breaking load, min/max	19,4 – 30,4 kN
Breaking load, std	3,67 kN
Deformation in 10% load, average	0,08 mm
Deformation in 10% load, min/max	0,06 – 0,16 mm
Deformation in 10% load, std	0,04 mm
Deformation in 40% load, average	1,09 mm
Deformation in 40% load, min/max	0,82 -1,29 mm
Deformation in 40% load, std	0,21 mm
Deformation in 100% load, average	3,09 mm
Deformation in 100% load, min/max	2,55 – 4,00 mm
Deformation in 100% load, std	0,53 mm
Moisture content, average	13,4 %
Moisture content, min/max	12,5 -14,8 %
Moisture content, std	0,6 %

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Shear strength test

N	10
Breaking load, average	30,2 kN
Breaking load, min/max	26,2 – 36,3 kN
Breaking load, std	3,1 kN
Deformation in 10% load, average	0,95 mm
Deformation in 10% load, min/max	0,41 – 1,62 mm
Deformation in 10% load, std	0,39 mm
Deformation in 40% load, average	1,90 mm
Deformation in 40% load, min/max	1,32 - 2,36 mm
Deformation in 40% load, std	0,36 mm
Deformation in 100% load, average	6,37 mm
Deformation in 100% load, min/max	5,50 – 8,00 mm
Deformation in 100% load, std	0,83 mm
Moisture content, average	14,8 %
Moisture content, min/max	14,4 -15,0 %
Moisture content, std	0,2 %

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Bending test

N	10
Breaking load, average	19,9 kN
Breaking load, min/max	16,9 – 23,4 kN
Breaking load, std	2,2 kN
Deformation in 10% load, average	1,26 mm
Deformation in 10% load, min/max	0,76 – 2,20 mm
Deformation in 10% load, std	0,44 mm
Deformation in 40% load, average	2,54 mm
Deformation in 40% load, min/max	1,96 mm
Deformation in 40% load, std	0,47 mm
Deformation in 100% load, average	7,79 mm
Deformation in 100% load, min/max	6,74 – 8,98 mm
Deformation in 100% load, std	0,82 mm
Moisture content, average	13,8 %
Moisture content, min/max	12,74 -14,4 %
Moisture content, std	0,5 %

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