

Mechanické vlastnosti: desky/plechy

| Slitina | Stav | Tloušťka mm | Pevnost v tahu R_m N/mm ² | | Mez kluzu $R_p 0.2$ N/mm ² | Tažnost | | Tvrдость podle Brinella HBS |
|-----------------------|---------|----------------|---|---------------|--|----------------------|-------------|-----------------------------------|
| | | | min. | max. | | A_{50mm} % min. | A % max. | |
| EN AW-1050A | o/H111 | 0,5-12,5 | 65 | 95 | 20 | 22-35 | - | 20 |
| | H14 | 0,5-12,5 | 110 | 150 | 90 | 3-6 | | 34 |
| | H24 | 0,5-12,5 | 110 | 150 | 90 | 4-8 | | 33 |
| | H112 | 6,0-12,5 | 75 | 110 | 30 | 20 | | 23 |
| EN AW- 5005 | H14 | 0,5-6 | 145 | 185 | 120 | 2-4 | | 48 |
| | H24/H34 | 0,5-6 | 145 | 185 | 110 | 4-6 | | 47 |
| AA- 5026 | O/H111 | 12,0-50 | 250 | | 160 | 14,8 | | 75 |
| | O/H111 | 50,0-100 | 245 | | 150 | 13,0 | | 72 |
| | O/H111 | 100-200 | 240 | | 130 | 11,0 | | 70 |
| EN AW- 5083 | O/H111 | 0,5-12,5 | 275 | 350 | 125 | 12-16 | | 75 |
| | O/H111 | 12,5-50 | 275 | 350 | 125 | | 15 | 75 |
| | O/H111 | 50,0-80 | 270 | 345 | 115 | | 14 | 73 |
| | O/H111 | 80,0-120 | 260 | | 110 | | 12 | 70 |
| | O/H111 | 120-150 | 255 | | 105 | | 12 | 69 |
| | O/H116 | 12,5-40 | 305 | | 215 | | 10 | 89 |
| | O/H116 | 40,0-80 | 285 | | 200 | | 10 | 83 |
| | H321 | 3-12,5 | 305 | | 220 | 10-12 | | 89 |
| EN AC- 5083 Cast | | | 275 (norm) | | 125 (norm) | 15 | | 70 |
| EN AW- 5754 | O/H111 | 0,5-12,5 | 190 | 240 | 80 | 14-18 | | 52 |
| | O/H111 | 12,5-100 | 190 | 240 | 80 | | 17 | 52 |
| | O/H112 | 12,5-25 | 200 | | 120 | | 10 | 58 |
| | H22/32 | 0,5-12,5 | 220 | 270 | 130 | 8-10 | | 63 |
| | H24/34 | 0,5-12,5 | 240 | 280 | 160 | 6-10 | | 70 |
| | H321 | 3-12,5 | 230 | | 140 | 10-11 | | 63 |
| EN AW- 6082 | T4 | 1,5-12,5 | 205 | | 110 | 14-15 | | 58 |
| | T651 | 1,5-6 | 310 | | 260 | 6-10 | | 94 |
| | T651 | 6-12,5 | 300 | | 255 | 9 | | 81 |
| | T651 | 12,5-175 | 295 | | 245 | | 4-80 | 83-89 |
| EN AW- 7075 | T651 | 1,5-12,5 | 540 | | 460 | 6-8 | | 160 |
| | T651 | 12,5-50 | 530 | | 460 | | 5-6 | 158 |
| | T651 | 50-60 | 525 | | 440 | | 4 | 155 |
| | T651 | 60-80 | 495 | | 420 | | 4 | 147 |
| | T651 | 80-90 | 490 | | 390 | | 4 | 144 |
| | T651 | 90-100 | 460 | | 360 | | 3 | 135 |
| | T651 | 100-120 | 410 | | 300 | | 2 | 119 |
| | T651 | 120-150 | 360 | | 260 | | 2 | 104 |
| Hokotol/ Alumold 1 | | | 550 | | 500 | 4 | | 160-180 |
| Alca-5 | | | | 275 (norm) | 125 (norm) | 15 | | 70 |