

Blacha walcowana na zimno**Gatunki - stal niskostopowa o dużej wytrzymałości - EN 10268:2006 (*)**

| EN 10268: 2006 | EN 10268: 1998 | ASTM 607: 1993 | Stare oznaczenia |
|-----------------------|-----------------------|-----------------------|-------------------------------------|
| HC260LA (*) | H240LA | | |
| HC260LA AM FCE | H240LA | | Profilar 260 |
| HC300LA (*) | H280LA | | |
| HC300LA AM FCE | H280LA | | Profilar 300/Sidca M-300/Soldur 280 |
| HC340LA (*) | H320LA | | |
| HC340LA AM FCE | H320LA | Grade 607-45 | Profilar 340/Sidca M-340/Soldur 320 |
| HC380LA (*) | H360LA | | |
| HC380LA AM FCE | H360LA | Grade 607-50 | Profilar 380/Soldur 360 |
| HC420LA (*) | H400LA | | |
| HC420LA AM FCE | H400LA | Grade 607-55 | Profilar 420 |

| Wymiary | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------------------------------------|------|------------------------------------|------|------------------------------------|------|------------------------------------|------|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Grubość [mm] | HC260LA EN 10268 HC260LA AM FCE | | HC300LA EN 10268 HC300LA AM FCE | | HC340LA EN 10268 HC340LA AM FCE | | HC380LA EN 10268 HC380LA AM FCE | | HC420LA EN 10268 HC420LA AM FCE | | | | | | | | | | | | | | | | | |
| | Szerokość | | Szerokość | | Szerokość | | Szerokość | | Szerokość | | | | | | | | | | | | | | | | | |
| | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | | | | | | | | | | | | | | | | |
| 0,30 ≤ gr < 0,40 | 600 | 1200 | 600 | 1200 | 600 | 1210 | 600 | - | 600 | - | | | | | | | | | | | | | | | | |
| 0,40 ≤ gr < 0,50 | | 1360 | | 1360 | | 1380 | | 1030 | | - | | | | | | | | | | | | | | | | |
| 0,50 ≤ gr < 0,60 | | 1540 | | 1540 | | 1540 | | 1270 | | 1010 | | | | | | | | | | | | | | | | |
| 0,60 ≤ gr < 0,70 | | 1700 | | 1620 | | 1620 | | 1340 | | 1110 | | | | | | | | | | | | | | | | |
| 0,70 ≤ gr < 0,80 | | 1810 | | 1670 | | 1670 | | 1440 | | 1220 | | | | | | | | | | | | | | | | |
| 0,80 ≤ gr < 0,90 | | 1860 | | 1720 | | 1820 | | 1650 | | 1570 | 1290 | | | | | | | | | | | | | | | |
| 0,90 ≤ gr < 1,00 | | | | 1840 | | | | | | 1820 | 1700 | 1350 | | | | | | | | | | | | | | |
| 1,00 ≤ gr < 1,10 | | | | | | | | | | | | 1800 | 1750 | 1400 | | | | | | | | | | | | |
| 1,10 ≤ gr < 1,20 | | | | | | | | | | | | | | 1800 | 1800 | 1460 | | | | | | | | | | |
| 1,20 ≤ gr < 1,30 | | | | | | | | | | | | | | | | 1800 | 1790 | 1510 | | | | | | | | |
| 1,30 ≤ gr < 1,40 | | | | | | | | | | | | | | | | | | 1800 | 1770 | 1560 | | | | | | |
| 1,40 ≤ gr < 1,50 | | | | | | | | | | | | | | | | | | | | 1800 | 1730 | 1610 | | | | |
| 1,50 ≤ gr < 1,60 | | | | | | | | | | | | | | | | | | | | | | 1800 | 1690 | 1670 | | |
| 1,60 ≤ gr < 1,70 | | | | | | | | | | | | | | | | | | | | | | | | 1800 | 1650 | 1610 |
| 1,70 ≤ gr < 1,90 | | | | | | | | | | | | | | | | | | | | | | | | | | 1800 |
| 1,90 ≤ gr < 2,00 | | 1800 | | | | 1600 | | 1560 | | | | | | | | | | | | | | | | | | |
| 2,00 ≤ gr < 2,10 | | | | 1800 | | | | 1490 | | 1540 | | | | | | | | | | | | | | | | |
| 2,10 ≤ gr < 2,30 | | | | | | | | | | 1860 | 1780 | 1510 | | | | | | | | | | | | | | |
| 2,30 ≤ gr < 2,40 | | | | | | | | | | | | 1860 | 1740 | 1500 | | | | | | | | | | | | |
| 2,40 ≤ gr < 2,50 | | | | | | | | | | | | | | 1860 | 1700 | 1480 | | | | | | | | | | |
| 2,50 ≤ gr < 2,60 | 1860 | | 1660 | | 1470 | | | | | | | | | | | | | | | | | | | | | |
| 2,60 ≤ gr < 2,70 | | | | | 1860 | | 1660 | | 1450 | | | | | | | | | | | | | | | | | |
| 2,70 ≤ gr < 2,80 | | | | | | | | | 1860 | | | | | | | 1660 | 1410 | | | | | | | | | |
| 2,80 ≤ gr < 2,90 | | | | | | | | | | | | | | | | | 1860 | 1660 | 1370 | | | | | | | |
| 2,90 ≤ gr < 3,00 | | | | | | | | | | | | | | | | | | | 1860 | 1660 | 1330 | | | | | |
| 3,00 ≤ gr < 3,10 | | 1860 | | | | 1660 | | | | | | | | | | | | | | | 1290 | | | | | |

| Właściwości mechaniczne - stal niskostopowa o dużej wytrzymałości - EN 10268:2006 | | | | | | |
|------------------------------------------------------------------------------------------|-----------------|-------------------------|-----------------------------------|-----------------------------------|------------------------------------|--------------------------------|
| Gatunek | Kierunek | Grubość [mm] | R_e [Mpa] | R_m [Mpa] | A_{80} [%] | stos. zginania [gr] |
| HC260LA EN 10268 | L | 0,5-0,7 | 240-310 | 340-420 | ≥25 | - |
| | | 0,7-3 | | | ≥27 | |
| | T | 0,5-0,7 | 260-330 | 350-430 | ≥24 | - |
| | | 0,7-3 | | | ≥26 | |
| HC260LA AM FCE | L | 0,5-0,7 | 240-310 | 340-420 | ≥25 | - |
| | | 0,7-3 | | | ≥27 | |
| | T | 0,5-0,7 | 260-330 | 350-430 | ≥24 | ≥0 |
| | | 0,7-3 | | | ≥26 | |
| HC300LA EN 10268 | L | 0,5-0,7 | 280-360 | 370-470 | ≥22 | - |
| | | 0,7-3 | | | ≥24 | |
| | T | 0,5-0,7 | 300-380 | 380-480 | ≥21 | - |
| | | 0,7-3 | | | ≥23 | |
| HC300LA AM FCE | L | 0,5-0,7 | 280-360 | 370-470 | ≥22 | - |
| | | 0,7-3 | | | ≥24 | |
| | T | 0,5-0,7 | 300-380 | 380-480 | ≥21 | ≥0 |
| | | 0,7-3 | | | ≥23 | |
| HC340LA EN 10268 | L | 0,5-0,7 | 320-410 | 400-500 | ≥20 | - |
| | | 0,7-3 | | | ≥22 | |
| | T | 0,5-0,7 | 340-420 | 410-510 | ≥19 | - |
| | | 0,7-3 | | | ≥21 | |
| HC340LA AM FCE | L | 0,5-0,7 | 320-410 | 400-500 | ≥20 | - |
| | | 0,7-3 | | | ≥22 | |
| | T | 0,5-0,7 | 340-420 | 410-510 | ≥19 | ≥0 |
| | | 0,7-3 | | | ≥21 | |

Własności mechaniczne - stal niskostopowa o dużej wytrzymałości - EN 10268:2006 c.d.

| Gatunek | Kierunek | Grubość [mm] | R_e [Mpa] | R_m [Mpa] | A_{80} [%] | stos. zginania [gr] |
|----------------------------|-----------------|-------------------------|-----------------------------------|-----------------------------------|------------------------------------|--------------------------------|
| HC380LA EN 10268 | L | 0,5-0,7 | 360-460 | 430-550 | ≥18 | - |
| | | 0,7-3 | | | ≥20 | |
| | T | 0,5-0,7 | 380-480 | 440-560 | ≥17 | - |
| | | 0,7-3 | | | ≥29 | |
| HC380LA AM FCE | L | 0,5-0,7 | 360-460 | 450 -550 | ≥18 | - |
| | | 0,7-3 | | | ≥20 | |
| | T | 0,5-0,7 | 380-480 | 460 -560 | ≥17 | ≥0,5 |
| | | 0,7-3 | | | ≥29 | |
| HC420LA EN 10268 | L | 0,5-0,7 | 400-500 | 460-580 | ≥16 | - |
| | | 0,7-3 | | | ≥18 | |
| | T | 0,5-0,7 | 420-520 | 470-590 | ≥15 | - |
| | | 0,7-3 | | | ≥17 | |
| HC420LA AM FCE | L | 0,5-0,7 | 400-500 | 470 -580 | ≥16 | - |
| | | 0,7-3 | | | ≥18 | |
| | T | 0,5-0,7 | 420-520 | 480 -590 | ≥15 | ≥0,5 |
| | | 0,7-3 | | | ≥17 | |

Skład chemiczny - stal niskostopowa o dużej wytrzymałości - EN 10268:2006 (*)

| Gatunek | C [%] | Mn [%] | P [%] | S [%] | Si [%] | Al. [%] | Nb [%] | Ti [%] | Galwanizacja |
|----------------|-----------------|------------------|-----------------|-----------------|------------------|-------------------|------------------|------------------|---------------------|
| HC260LA (*) | ≤0,100 | ≤0,60 | ≤0,025 | ≤0,025 | ≤0,50 | ≥0,015 | - | ≤0,150 | - |
| HC260LA AM FCE | ≤0,080 | ≤0,60 | ≤0,025 | ≤0,020 | ≤0,03 | ≥0,015 | ≤0,090 | ≤0,150 | KLASA I |
| HC300LA (*) | ≤0,100 | ≤1,00 | ≤0,025 | ≤0,025 | ≤0,50 | ≥0,015 | ≤0,090 | ≤0,150 | - |
| HC300LA AM FCE | ≤0,090 | ≤0,70 | ≤0,025 | ≤0,020 | ≤0,03 | ≥0,015 | ≤0,090 | ≤0,150 | KLASA I |
| HC340LA (*) | ≤0,100 | ≤1,10 | ≤0,025 | ≤0,025 | ≤0,50 | ≥0,015 | ≤0,090 | ≤0,150 | - |
| HC340LA AM FCE | ≤0,100 | ≤0,90 | ≤0,025 | ≤0,020 | ≤0,03 | ≥0,015 | ≤0,090 | ≤0,150 | KLASA I |
| HC380LA (*) | ≤0,100 | ≤1,60 | ≤0,025 | ≤0,025 | ≤0,50 | ≥0,015 | ≤0,090 | ≤0,150 | - |
| HC380LA AM FCE | ≤0,100 | ≤1,00 | ≤0,025 | ≤0,020 | ≤0,35 | ≥0,015 | ≤0,090 | ≤0,150 | NIE |
| HC420LA (*) | ≤0,100 | ≤1,60 | ≤0,025 | ≤0,025 | ≤0,50 | ≥0,015 | ≤0,090 | ≤0,150 | - |
| HC420LA AM FCE | ≤0,100 | ≤1,20 | ≤0,025 | ≤0,020 | ≤0,15 | ≥0,015 | ≤0,090 | ≤0,150 | NIE |