

cast-iron



BERNAREGGI

since 1976



Tensile properties of continuous cast grey - cast-iron bars

| Material designation | | Bar diameter | Tensile strength | Matrix structure |
|----------------------|---|----------------|-------------------------|-------------------------|
| Grades | Brinell hardness HBW* min. max. | <i>D</i> mm | <i>Rm</i> MPa - min. | |
| EN-GJL-150C HB150 | 110 180 | 20 - 400 | 80 - 110 | ferritic/annealed |
| EN-GJL-200C HB175 | 140 210 | 20 - 400 | 115 - 155 | ferritic/pearlitic |
| EN-GJL-250C HB200 | 170 240 | 20 - 400 | 155 - 195 | pearlitic/ferritic |
| EN-GJL-300C HB250 | 220 290 | 20 - 400 | 185 - 220 | predominantly pearlitic |

* HBW indicative values

Reference standard: DS/EN 16482

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