

## EN GJL 250 Cast Iron

**EN GJL 250 cast iron stockholders and suppliers, delivering to the whole of the UK.** EN1561 EN GJL 250 is commonly supplied as a continuous cast grey iron bar in rounds and flats. A fine grain structure grade the achieves a good polished finish after machining and is suitable for chromium or copper plating. It has a dense homogeneous structure and a fine grain structure combined with the fine graphite flake size. Thermal conductivity and vibration damping are excellent.

We welcome export enquiries for cast iron bar. Contact our sales office and consult our [shipping policy](#) for further details.

### Related Specifications

EN16482 ASTM A48-83 35A 35B DIN 1691 NFA32-101 Ft25D

### Alternative EN1561 Cast Iron Grades

[GJL200](#) | [GJL300](#) | [GJL350](#) | [Spheroidal Graphite Iron](#) | [GJS400-15](#) | [GJS500-7](#) | [GJS600-3](#)

## Form of Supply

West Yorkshire Steel supply in diameters and flat bar. Full bar lengths of 3 metres are available or we can offer cut lengths and sawn blanks to your bespoke requirements.

- Flat
- Diameter

## Applications

EN GJL 250 is suited for many applications where good wearing characteristics are a requirement and when components need a combination of strength and wear resistance superior to those of other softer cast iron specifications. It is commonly used in the plastics and glass industries and applications include pistons, dies, bearings, moulds, cams, gears and bushes.

## Analysis

Carbon	2.90-3.65%	Phosphorous	0.30% max
Manganese	0.40-0.70%	Sulphur	0.10% max
Silicon	1.80-2.90%	Iron	balance

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## Typical Properties

Typical Tensile  
range of material  
(subject to section)  
N/mm<sup>2</sup>

Typical Hardness  
HB

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155-195

145-240

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Mechanical properties shown are typical and may vary subject to the size and section of this cast iron grade.

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## Certification

Cast Iron Grade EN GJL 250 is available with a certificate of conformity, please request when placing any orders. Mill certification can sometimes be supplied at additional costs.

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## Quality Assured Supply

EN1561 EN GJL 250 Cast Iron is supplied in accordance with our ISO 9001:2015 registration.