

TASSO Grade EN-GJS-450-10C (According to EN 16482:2014)

This grade has high wear resistance, strength and heat treatment response. It possesses good machinability and excellent surface finish. Noise and vibration damping are good in this grade.

Main Elements: Iron, Carbon, Silicon, Manganese, Phosphorous, Sulphur, Others/Alloying

Denstiy: 7,25 gr/cm³

| | Yield Strength (Mpa) (20 C) | Tensile Strength (Mpa) (20 C) | Elongation A5 (%) | Hardness |
|--------------|-----------------------------|-------------------------------|-------------------|---------------|
| 20 – 60 mm | 310 | 450 | 10 | 150 - 230 HRB |
| 60 - 120 mm | 300 | 450 | 7 | 150 - 230 HRB |
| 120 – 400 mm | 290 | 420 | 5 | 150 - 230 HRB |