

## Material: BS EN-GJS-500-7

### Standard Specification For Spheoidal Graphiite Cast Irons Castings

**Group:** Ferrous SG Iron I Ductile Iron Alloys

**Sub Group:** BS EN-GJS-500-7 Spheoidal Graphiite Cast Irons Castings

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries

**Grade Belongs to the Industry:** Casting

Chemical Composition			Heat Treatment	
Carbon	C %	-	As-Cast	
Silicon	Si %	-		
Manganese	Mn %	-		
Phosphorus	P %	-		
Sulphur	S %	-		
Chromium	Cr %	-		
Nickel	Ni %	-		
Copper	Cu %	-		
Iron	Fe %	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	400 min.
-	-	-	Yield Strength in Mpa	260 min.
-	-	-	Elongation in %	3 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	150 - 230
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
JS 500-7	ISO	International	Casting
JS 500-7	AS	Australia	Casting
EN-JS1050	UNE	Spain	Casting
5.3200	SS	Sweden	Casting
FCD 500-7	JIS	Japan	Casting
EN-JS1040	DIN	Germany	Casting
5.3200	EN	European Union	Casting

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