Material: BS EN-GJS-400-15

Standard Specification For Spheoidal Graphiite Cast Irons Castings

Group: *Ferrous SG Iron I Ductile Iron Alloys*

Sub Group: *BS EN-GJS-400-15 Spheoidal Graphiite Cast Irons Castings*

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

Grade Belongs to the Industry: *Casting*

Chemical Composition		
Carbon	C %	-
Silicon	Si %	-
Manganese	Mn %	-
Phosphorus	P %	-
Sulphur	S %	-
Chromium	Cr %	-
Nickel	Ni %	-
Copper	Cu %	-
Iron	Fe %	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	350 min.
Yield Strength in Mpa	230 min.
Elongation in %	8 min.
Reduction of Area in %	-
Hardness in BHN	135 - 180
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
JS 400-15	ISO	International	Casting
JS 400-15	AS	Australia	Casting
EN-GJS-400-15	SS	Sweden	Casting
5.3106	UNE	Spain	Casting
EN-JS1030	UNI	Italy	Casting
FCD 400-15	JIS	Japan	Casting
EN-JS1030	DIN	Germany	Casting

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