

## Material: IS SG 900 I 2

### Standard Specification For Spheoidal Graphiite Cast Irons Castings

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

**Sub Group:** IS SG 900 I 2 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	900 min.
-	-	-	Yield Strength in Mpa	600 min.
-	-	-	Elongation in %	2 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	280 - 360
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
JS 900-2	ISO	International	Casting
JS 900-2	AS	Australia	Casting
5.3302	EN	European Union	Casting
EN-GJS-900-2	UNI	Italy	Casting
EN-GJS-900-2	DIN	Germany	Casting
EN-JS1090	UNE	Spain	Casting
5.3302	BS	British	Casting

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