

Material: IS SG 900 I 2

Standard Specification For Spheoidal Graphite Cast Irons Castings

Group: Ferrous SG Iron / Ductile Iron Alloys

Sub Group: IS SG 900 I 2 Spheoidal Graphite 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	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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Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India