

Material: ISO 1083 | JS | 700-2 | S

Standard Specification For Spheroidal Graphite Cast Irons Castings

Group: Ferrous SG Iron | Ductile Iron Alloys

Sub Group: ISO 1083 | JS | 700-2 | S Spheroidal 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	700 min.
Yield Strength in Mpa	420 min.
Elongation in %	2 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
JS 700-2	AS	Australia	Casting
A 536 100-70-03	ASTM	USA	Casting
D700	SAE	USA	Casting
D7003	SAE	USA	Casting
EN-GJS-700-2	UNE	Spain	Casting
EN-GJS-700-2	SS	Sweden	Casting
5.3300	EN	European Union	Casting

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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