

Material: UNI EN-GJS-800-2

Standard Specification For Spheroidal Graphite Cast Irons Castings

Group: Ferrous SG Iron / Ductile Iron Alloys

Sub Group: UNI EN-GJS-800-2 Spheroidal Graphite 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	780 min.
-	-	-	Yield Strength in Mpa	460 min.
-	-	-	Elongation in %	2 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	240 - 335
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
JS 800-2	ISO	International	Casting
JS 800-2	AS	Australia	Casting
5.3301	EN	European Union	Casting
FCD 800-2	JIS	Japan	Casting
EN-GJS-800-2	DIN	Germany	Casting
EN-JS1080	UNE	Spain	Casting
A 536 120-90-02	ASTM	USA	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