

Material: AS JS 800-2

Standard Specification For Ductile Cast Irons Castings

Group: Ferrous SG Iron / Ductile Iron Alloys

Sub Group: AS JS 800-2 Ductile 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	800 min.
Yield Strength in Mpa	480 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 800-2	ISO	International	Casting
5.3301	EN	European Union	Casting
EN-GJS-800-2	UNI	Italy	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

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