

Material: EN 5.3301

Standard Specification For Spheroidal Graphite Cast Irons Castings

Group: Ferrous SG Iron / Ductile Iron Alloys

Sub Group: EN 5.3301 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
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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