



Material - NS EN-GJS-400-18-LT

Standard Specification For Spheroidal Graphite Cast Irons Castings

Group - Ferrous SG Iron I Ductile Iron Alloys

Sub Group - NS EN-GJS-400-18-LT 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	340 min.
			Yield Strength in Mpa	220 min.
			Elongation in %	10 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
JS 400-18-LT	ISO	International	Casting
JS 400-18-LT	AS	Australia	Casting
EN-GJS-400-18-LT	AFNOR NF	France	Casting
EN-JS1025	DIN	Germany	Casting
5.3103	EN	European Union	Casting
FCD 400-18	JIS	Japan	Casting
EN-JS1025	BS	British	Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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