



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

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			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	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

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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ONE STOP SOLUTION FOR METAL PARTS