



## Material - SFS 5.3101

### Standard Specification For Spheroidal Graphite Cast Irons Castings

Group - Ferrous SG Iron I Ductile Iron Alloys

Sub Group - SFS 5.3101 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 %	-				
-	-	-				
-	-	-	<th colspan="2">Mechanical Properties</th>		Mechanical Properties	
-	-	-	Tensile Strength in Mpa	310 min.		
-	-	-	Yield Strength in Mpa	200 min.		
-	-	-	Elongation in %	12 min.		
-	-	-	Reduction of Area in %	-		
-	-	-	Hardness in BHN	-		
-	-	-	Impact in Joule	15 J @ RT		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
350-22-RT	ISO	International	Casting
JS 350-22-RT	AS	Australia	Casting
EN-GJS-350-22-RT	UNE	Spain	Casting
EN-JS1014	BS	British	Casting
5.3101	EN	European Union	Casting
EN-JS1014	UNI	Italy	Casting
EN-GJS-350-22-RT	DIN	Germany	Casting

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +91846916029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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