



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - AMS 5351

Standard Specification for Steel Castings, Sand, Corrosion and Moderate Heat Resistant 13Cr Normalized and Tempered

Group - Ferrous Stainless Steel Alloys

Sub Group - AMS 5351 Steel Castings, Sand, Corrosion and Moderate Heat Resistant 13Cr Normalized and Tempered

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	Annealing or Hardening + Tempering	
Silicon	Si %	1.500 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	11.500 - 14.000		
Nickel	Ni %	1.000 max.		
Molybdenum	Mo %	0.500 max.		
Aluminium	Al %	0.050 max.		
Tin	Sn %	0.050 max.		
Copper	Cu %	0.500 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
410	AISI	USA	Bar, Wire, Shapes and Forging
410 C 21	BS	British	Casting
15ch13L	GOST	Russia	Casting
385 G X 12 Cr 13	SFS	Finland	Casting
A217 CA 15	ASTM	USA	Casting
A 487 CA 15	ASTM	USA	Casting
A743 CA 15	ASTM	USA	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

ONE STOP SOLUTION FOR METAL PARTS