



Material - UNS D51500

Standard Specification for Alloy steel casting

Group - Ferrous Mild Steel Alloys

Sub Group - UNS D51500 Alloy steel casting

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Phosphorus	P %	0.020 max.	Annealing or Normalising or Hardening + Tempering	
Sulphur	S %	0.020 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
Mechanical Properties				
Tensile Strength in Mpa			-	
Yield Strength in Mpa			1034 min.	
Elongation in %			-	
Reduction of Area in %			-	
Hardness in BHN			-	
Impact in Joule			-	

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A148 Grade 165-150L	ASTM	USA	Casting
A148 Grade 210-180	ASTM	USA	Casting
A148 Grade 210-180L	ASTM	USA	Casting
A148 Grade 260-210	ASTM	USA	Casting
A148 Grade 260-210L	ASTM	USA	Casting
A148 Grade 165-150	ASTM	USA	Casting
A148 Grade 135-125	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

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