



Material - BS EN 1982 CuZn37Pb2Ni1AlFe-C (CC753S)

Standard Specification for Copper and Copper Alloys - Ingot and Casting

Group - Non-Ferrous Copper Alloy

Sub Group - BS EN 1982 Standard Specification for Copper and Copper Alloys - Ingot and Casting

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment			
Aluminium	Al %	0.400 - 0.800	As-Cast			
Iron	Fe %	0.500 - 0.800				
Nickel	Ni %	0.500 - 1.200				
Lead	Pb %	1.800 - 2.500				
Tin	Sn %	0.800 max.				
Manganese	Mn %	0.200 max.				
Phosphorus	P %	0.020 max.				
Antimony	Sb %	0.050 max.				
Silicon	Si %	0.050 max.				
Cu + Ni	Cu%+Ni%	58.000 - 61.000				
Zinc	Zn %	Balance	<th colspan="2">Mechanical Properties</th>		Mechanical Properties	
-	-	-	Tensile Strength in Mpa	300 min.		
-	-	-	Yield Strength in Mpa	150 min.		
-	-	-	Elongation in %	15 min.		
-	-	-	Reduction of Area in %	-		
-	-	-	Hardness in HBW	90 min.		
-	-	-	Impact in Joule	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB753S	UNI	Italy	Ingot and Casting
CB753S	UNE	Spain	Ingot and Casting
CB753S	CSN	Czech Republic	Ingot and Casting
CB753S	EN	European Union	Ingot and Casting
CB753S	ONORM	Australia	Ingot and Casting
CB753S	DIN	Germany	Ingot and Casting
CB753S	MSZ	Hungary	Ingot and 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

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