



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 1545 Cu DLP-HB

Standard Specification for Copper and Copper Alloy Tubes for Condenser and Heat Exchangers

Group - Non-Ferrous Copper Alloy

Sub Group - IS 1545 Copper and Copper Alloy Tubes for Condenser and Heat Exchangers

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

Grade Belongs to the Industry - Tube

Chemical Composition			Heat Treatment	
Phosphorus	P %	0.004 - 0.015	Normalizing or Annealing or Tempering	
Copper	Cu %	99.900 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	154.5 - 698.2
-	-	-	Yield Strength in Mpa	55 - 367
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	80 - 100
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
10773 Grade 1	IS	India	Tube
Cu DLP-HD	IS	India	Tube
Cu DLP-O	IS	India	Tube
C 1201 CB	JIS	Japan	Billet and Cake
C 1201 CC	JIS	Japan	Billet and Cake
C 1201	KS	Korea	Rod and Bar
C 1201 CB	KS	Korea	Billet and Cake

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