

Material: KS D2320 CACIn803

Standard Specification for Copper Alloys Ingot and Casting

Group: Non-Ferrous Copper Alloy

Sub Group: KS D2320 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 %	0.300 max.	As-Cast													
Iron	Fe %	0.300 max.														
Manganese	Mn %	0.200 max.														
Lead	Pb %	0.200 max.														
Silicon	Si %	3.200 - 4.200														
Zinc	Zn %	13.000 - 15.000														
Copper	Cu %	80.000 - 84.000														
-	-	-	<div>Mechanical Properties</div> <table><tr><td>Tensile Strength in Mpa</td><td>345 min.</td></tr><tr><td>Yield Strength in Mpa</td><td>145 min.</td></tr><tr><td>Elongation in %</td><td>18 min.</td></tr><tr><td>Reduction of Area in %</td><td>-</td></tr><tr><td>Hardness in BHN</td><td>-</td></tr><tr><td>Impact in Joule</td><td>-</td></tr></table>		Tensile Strength in Mpa	345 min.	Yield Strength in Mpa	145 min.	Elongation in %	18 min.	Reduction of Area in %	-	Hardness in BHN	-	Impact in Joule	-
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