



Copper Alloy Castings For Valves, Liners, Bushes And Fittings

Manufacturer	Dikkan Metal Urunleri San.Tic. A.S.
Address	İzmir Kemalpaşa Yolu No:30, Hayitlikir Mevkii Kemalpaşa, Türkiye
Type	Short Freezing Range Alloys Long Freezing Range Alloys

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given on subsequent pages of this certificate.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.



Atatürk Caddesi, Sitkibey Plaza, No 82 Kat 3 Daire
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A. Timurhan Baytekin

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Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Gunmetal	Grades	Maximum Weight	Units
-	-	CuSn10Zn2	2.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Copper 10% nickel	Grades	Maximum Weight	Units
-	-	CuNi10Nb	2.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Leaded gunmetal	Grades	Maximum Weight	Units
-	-	CuSn5Pb5Zn5	2.00	Tonnes
-	-	CuSn7Pb3Zn3	2.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Leaded bronze	Grades	Maximum Weight	Units
-	-	CuSn9Pb15	2.00	Tonnes
-	-	CuSn5Pb20	2.00	Tonnes
-	-	CuSn5Pb9	2.00	Tonnes
-	-	CuSn10Pb10	2.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Phosphor bronze	Grades	Maximum Weight	Units
-	-	CuSn10PbP	2.00	Tonnes
-	-	CuSn10P	2.00	Tonnes



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-	-	CuSn11P	2.00	Tonnes
-	-	CuSn12	2.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Copper 30% nickel	Grades	Maximum Weight	Units
-	-	CuNi30Nb	2.00	Tonnes
-	-	CuNi30Cr	2.00	Tonnes
Copper Alloy Castings for Valves, Liners, Bushes and Fittings	Aluminium bronze	Grades	Maximum Weight	Units
-	-	CuAl10Fe5Ni5	2.00	Tonnes
-	-	CuAl11Fe6Ni6	2.00	Tonnes

Additional Remarks

Products in the approved grades shown in above pages of this approval certificate that are not included in the LR Rules for Materials are only to be issued with LR certification when an application for the grade has been agreed for a specific LR project and the application is covered by a valid design appraisal document.



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