



Material - DIN EL-NiCu 30 Mn

Standard Specification for Nickel and Nickel Alloy Casting

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN EL-NiCu 30 Mn Nickel and Nickel Alloy Casting

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment															
Carbon	C %	0.150 max.	As-Cast or Annealing or Age Hardning															
Silicon	Si %	1.000 max.																
Manganese	Mn %	1.000 - 4.000																
Copper	Cu %	27.000 - 34.000																
Iron	Fe %	0.500 - 2.500																
Aluminium	Al %	0.500 max.																
sulphur	S %	0.015 max.																
Titanium	Ti %	1.000 max.																
Niobium	Nb %	1.000 max.																
Ni + Co	Ni% + Co%	63.000 min.																
-	-	-	<table border="1"> <thead> <tr> <th colspan="2">Mechanical Properties</th> </tr> </thead> <tbody> <tr> <td>Tensile Strength in Mpa</td> <td>460 min.</td> </tr> <tr> <td>Yield Strength in Mpa</td> <td>200 min.</td> </tr> <tr> <td>Elongation in %</td> <td>25 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> </tbody> </table>		Mechanical Properties		Tensile Strength in Mpa	460 min.	Yield Strength in Mpa	200 min.	Elongation in %	25 min.	Reduction of Area in %	-	Hardness in BHN	-	Impact in Joule	-
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4361	DIN	Germany	Strip and Sheet
2.4366	DIN	Germany	Strip and Sheet
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.