

Material: DIN 1.5635

Standard Specification for Low Alloyed Ni Steel Casting

Group: Ferrous Mild Steel Alloys

Sub Group: DIN 1.5635 Low Alloyed Ni Steel Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.150 max.
Silicon	Si %	0.150 - 0.300
Manganese	Mn %	0.700 max.
Phosphorus	P %	0.030 max.
Sulphur	S %	0.030 max.
Nickel	Ni %	2.100 - 2.500
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing + Tempering or Hardening + Tempering

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SA-352 LC2	ASME	USA	Casting
J22500	UNS	USA	Casting
G22Ni10	UNI	Italy	Casting
G9Ni10	AFNOR NF	France	Casting
SCPL 21	JIS	Japan	Casting
F.8373	UNE	Spain	Casting
A352 LC2	ASTM	USA	Casting

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