AMTECH
TECHNOCAST PVT. LTD.

Material - ASTM A 494 CX2MW

Standard Specification for Castings, Nickel and Nickel Alloy

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM A 494 CX2MW Castings, Nickel and Nickel Alloy

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

Grade Belongs to the Industry - Casting

Chemical Composition		
Carbon	C %	0.020 max.
Silicon	Si %	0.800 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.025 max.
Sulphur	S %	0.020 max.
Chromium	Cr %	20.000 - 22.500
Tungsten	W %	2.500 - 3.500
Molybdenum	Mo %	12.500 - 14.500
Vanadium	V %	0.350 max.
Iron	Fe %	2.000 - 6.000
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	550 min.
Yield Strength in Mpa	310 min.
Elongation in %	30 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table

Material	Standard	Country	Grade Belong to the Industry
SA-494 CX2MW	ASME	USA	Casting
C-NiCr21Mo14Fe4W3	AFNOR NF	France	Casting
NC6022	AFNOR NF	France	Casting
N26002	UNS	USA	Casting
-	-	-	-
-	-	-	-
-	-	-	-

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at +91 9879817994, or email us at manish@amtechtechnocast.com