

Material - ASTM A995 CD3MWN

Standard Specification for Castings, Austenitic-Ferritic (Duplex) Stainless Steel, for Pressure-Containing Parts

Group - Ferrous Stainless Steel Alloys

Sub Group - ASTM A995 / A995M Austenitic-Ferritic (Duplex) Stainless Steel, for Pressure-Containing Parts

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Solution Annealing	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 - 3.000		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.020 max.		
Chromium	Cr %	26.000 - 28.000		
Nickel	Ni %	6.000 - 8.000		
Molybdenum	Mo %	2.000 - 3.500	Mechanical Properties Tensile Strength in Mpa 690 min. Yield Strength in Mpa 515 min. Elongation in % 20 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Copper	Cu %	1.000 max.		
Tungsten	W %	3.000 - 4.000		
Nitrogen	N %	0.300 - 0.400		
Boron	Bo %	0.0010 - 0.0100		
Barium	Ba %	0.0002 - 0.0100		
Ce + La	Ce % + La %	0.005 - 0.030		
Iron	Fe %	Balance		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A890 7A	ASTM	USA	Casting
J93379	UNS	USA	Casting
27Cr7NiMoWN	ASTM	USA	Casting
7A	ASTM	USA	Casting
A890 CD3MWN	ASTM	USA	Casting
A995 J93379	ASTM	USA	Casting
A995 Grade 7A	ASTM	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](tel:+919879817994), or email us at manish@amtechtechnocast.com

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