

Material: AFNOR NF A50-452 A5

Standard Specification for Aluminium and Aluminium Alloys. Coil coating strip and sheet

Group: Non-Ferrous Aluminium Alloy

Sub Group: AFNOR NF A50-452 Aluminium and Aluminium Alloys. Coil coating strip and sheet

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

Grade Belongs to the Industry: Coil, Strip and Sheet

Chemical Composition			Heat Treatment													
Copper	Cu %	0.050 max.	As-Cast													
Magnesium	Mg %	0.050 max.														
Lead	Pb %	0.050 max.														
Tin	Sn %	0.050 max.														
Silicon	Si %	0.250 max.														
Iron	Fe %	0.400 max.														
Manganese	Mn %	0.050 max.														
Titanium	Ti %	0.030 max.														
Zinc	Zn %	0.050 max.														
Other	Ot%	0.030 max.														
Aluminium	Al %	99.500 min.	Mechanical Properties <table border="1"> <tr> <td>Tensile Strength in Mpa</td> <td>60 - 160</td> </tr> <tr> <td>Yield Strength in Mpa</td> <td>20 - 125</td> </tr> <tr> <td>Elongation in %</td> <td>4 - 35</td> </tr> <tr> <td>Reduction of Area in %</td> <td>-</td> </tr> <tr> <td>Hardness in HB</td> <td>-</td> </tr> <tr> <td>Impact in Joule</td> <td>-</td> </tr> </table>		Tensile Strength in Mpa	60 - 160	Yield Strength in Mpa	20 - 125	Elongation in %	4 - 35	Reduction of Area in %	-	Hardness in HB	-	Impact in Joule	-
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
3.025	DIN	Germany	Ingot
1050A	EN	European Union	Wire
Al 99.5	ISO	International	Casting
1050A	UNI	Italy	Wire
A5	LM0	BS	British
Ingot and Casting	CSN	Czech Republic	Wire
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