

ALIMEX AMP 8000 Aluminum Plate

Category : Metal , Nonferrous Metal , Aluminum Alloy , 7000 Series Aluminum Alloy

Material Notes:

AMP 8000 offers higher strength levels, good machinability and dimensional stability. Its tensile strength is up to 40% higher than AlZn5.5MgCu (7075). Moulding, (Prototypes) injection moulds, Jig and fixture manufacturing, Tool manufacturing, Special machine construction, Standard parts. Information provided by ALIMEX GmbH

Order this product through the following link:

http://www.lookpolymers.com/polymer_ALIMEX-AMP-8000-Aluminum-Plate.php

Physical Properties	Metric	English	Comments
Density	2.829 g/cc	0.1022 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	145 - 180	145 - 180	
Tensile Strength, Ultimate	460 - 590 MPa	66700 - 85600 psi	Rm
Tensile Strength, Yield	400 - 555 MPa @Strain 0.200 %	58000 - 80500 psi @Strain 0.200 %	
Elongation at Break	4.0 - 11.5 %	4.0 - 11.5 %	
Modulus of Elasticity	71.0 GPa	10300 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear	23.4 µm/m-°C @Temperature 20.0 °C	13.0 µin/in-°F @Temperature 68.0 °F	
Thermal Conductivity	165.01 W/m-K	1145.1 BTU-in/hr-ft ² -°F	

Descriptive Properties	Value	Comments
Machinability	Good	
Polishing Properties	Good	
Protective Anodizing	Not decorative	
Welding Properties (WIG, MIG)	Suitable	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China