Maderial Tand D.



Material Test Report

Heat Code: GJW

An Ameri-Forge Group Company 13770 Industrial Rd. Houston, TX 77015 Sales: (713) 868-4421 Fax: (713) 455-8366

ISO 9001:2000 Certified

 PLESA ANAHUAC Y CIAS
 PO: 6849
 Sales Order: 70840
 Line: 2

 SA DE CV AV. VALLE DE LAS
 Item Code: 0603200100-0021F
 Qty Shipped: 3

 ALAMEDAS 66-0
 Item Desc: FLG 02.00 0600 BL RF

 54940 TULTITLAN, EDO, MEX
 Supplier: CMC
 Supplier Heat: 3005332

Spec: ASTM A105/A105M-(05)/ASME SA 105/SA 105M-(08a) Section II Part A - Normalized

Elem	ent (%wt)	Ladle	Product	EPCRA	CAS#	Elem	ent	(%wt)	Ĺadle	Product	EPCR/	A CAS#
С	Carbon	0.20				Ni	Nickel		0.08		✓	7440-02-0
Mn	Manganese	0.90		√ 743	39-96-5	Cr	Chromiu	m	0.06		✓	7440-47-3
P	Phosphorous	0.007				Мо	Molybde	กนฑ	0.021			
S	Sulphur	0.020				V	Vanadiu	m ·	0.001			
\$i	Silicon	0.19				Cp	Columbi	um	0.002			
Cu	Copper	0.27		√ 744	10-50-8	C.E.			0.38973			

Mechanical Te	esting	Heat Treat					
Test Lab	AFG	Norm. Temp. (F)	1675				
Test Bar Size	SACRIFICIAL PIECE	Norm. (Hrs)	4				
HBW	149 - 149	Norm, Cooling Type	AIR				
Elg (%)	33.0	Norm. Location	AFG				
RA (%)	59.0						
Tensile Specimen Size (in)	.493	Oth	ier				
Tensile (ksi)	77.4	MILL	CMC				
Yield (ksi)	47.0	мнс	3005332				
Gauge Length	2	EF	Y				
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Product compliant with NACE MR0175, latest edition and dimensions to ANSI B16.5

No Weld repair performed. Chemical Analysis results shown are actual. Forgings are capable of passing hydrostatic test compatible with the appropriate rating. Elongation taken from a round specimen. All material supplied under this order is certified to be free of mercury contamination and no mercury bearing equipment was used in manufacturing, fabrication or testing. Yield strength was determined using the 0.2% offset method.

EPCRA Supplier Notification: This product may contain one or more toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act (Title III of the Superfund Amendments and Reauthorization Act of 1986) and 40 C.F.R. Part 372. Potentially reportable chemicals are indicated with a checkmark in the "EPCRA" column and a Chemical Abstract Services (CAS) registry number is provided for each such chemical in addition to the percent by weight of the chemical present in this product. It is your responsibility alone to determine whether your facility is required to submit a Toxic Release Inventory Report under EPCRA Section 313.

Certification No.: 169519

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