



300 Alumax Drive
TEXARKANA, TEXAS 75501 USA

* CERTIFICATION *

10/23/22
HEAT 22TA2331
Lot 22TA2331-14
Coil 222331T14A

ORDER S2202816 /1

----- YOUR ORDER & DATE -----
PO# 0110039 10/23/22 CUST# PHOENIX METALS

----- ITEM DESCRIPTION -----
.063" X 48" 5052-H32 ALUM COIL Country of Mfg.: U.S.A.
Customer Part# 1406

----- SPECIFICATIONS -----
ASTM B209-14, AMS 4016M, AMS QQ A250/8

----- MECHANICAL PROPERTIES -----							
	RESULTS	Standard			RESULTS	Standard	
		Min	Max			Min	Max
Elongation(%)	12	7.0		Tensile Strength,KSI	33.6	31.0	38.0
				Yield Strength,KSI	27.8	23.0	

----- CHEMICAL COMPOSITION -----								
	RESULTS	Standard				RESULTS	Standard	
		Min	Max				Min	Max
Silicon (Si)	0.098		0.250	Iron (Fe)	0.334			0.400
Copper (Cu)	0.044		0.100	Manganese (Mn)	0.057			0.100
Chromium (Cr)	0.217	0.150	0.350	Magnesium (Mg)	2.333	2.200		2.800
Zinc (Zn)	0.010		0.100	Others, Total	0.040			0.150
Aluminum (Al)	96.867	Remainder		Other, Each				0.050

Quality Representative

Donna Compton *Donna Compton*