



300 Alumax Drive
TEXARKANA, TEXAS 75501 USA

* CERTIFICATION *

03/16/23
HEAT 5220510459
Lot 5220510459
Coil 5220510459A

ORDER S2300553 /1

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----- YOUR ORDER & DATE -----
PO# 0608565 03/16/23 CUST# PHOENIX METALS

----- ITEM DESCRIPTION -----
.250" X 48" 5052-H32 ALUM COIL PAPER INTERLEAVE Country of Mfg.: U.S.A.
Customer Part# 7439

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

----- MECHANICAL PROPERTIES -----

| | RESULTS | Standard | | | RESULTS | Standard | |
|---------------|---------|----------|-----|----------------------|---------|----------|------|
| | | Min | Max | | | Min | Max |
| Elongation(%) | 15 | 9.0 | | Tensile Strength,KSI | 35.0 | 31.0 | 38.0 |
| | | | | Yield Strength,KSI | 23.5 | 23.0 | |

----- CHEMICAL COMPOSITION -----

| | RESULTS | Standard | | | RESULTS | Standard | |
|---------------|---------|-----------|-------|----------------|---------|----------|-------|
| | | Min | Max | | | Min | Max |
| Silicon (Si) | 0.105 | | 0.250 | Iron (Fe) | 0.315 | | 0.400 |
| Copper (Cu) | 0.060 | | 0.100 | Manganese (Mn) | 0.042 | | 0.100 |
| Chromium (Cr) | 0.191 | 0.150 | 0.350 | Magnesium (Mg) | 2.690 | 2.200 | 2.800 |
| Zinc (Zn) | 0.009 | | 0.100 | Others, Total | 0.030 | | 0.150 |
| Aluminum (Al) | 96.558 | Remainder | | Other, Each | | | 0.050 |

Quality Representative

Donna Compton *Donna Compton*