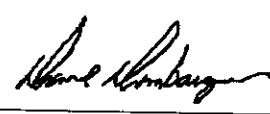




CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S
H
I
P
T
O

S
O
L
D
T
O

| | | | | | | | | | | | |
|---|------|-------------------------|--------------------------------|----------------------------------|------------------------------|---------------------------------|---|----------------------------|--|---------|--|
| BAYOU | | 111138873 | | 4330 | | INCLUSION | | Serial:20230817-0111138873 | | Pg 1of2 | |
| CUSTOMER PURCHASE ORDER NO. & ITEM SL-22593 | | | | | | Constellium ORDER NO. 403851 | | | | | |
| ALLOY 5052 | CLAD | TEMPER H32 | GAUGE 0.25000 in 6.35 mm | WIDTH 48.00000 in 1,219 mm | LENGTH 0.00000 in 0 mm | | CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Dave Dunbarger - Laboratory Manager | | | | |
| ITEM ORDERED COIL UNLEVELED=<73.5 MILL FINISH | | | | | | | | | | | |
| CUSTOMER SPECIFICATION ASTM B209-21A | | | | | | | | | | | |
| PART NUMBER | | | B/L NUMBER 190983 | | DATE SHIPPED 08/17/2023 | | | | | | |
| WT. SHIPPED 7406.000 LB | | NO. OF PIECES 000001 | | GOVT. CONTRACT NO. | | | | | | | |

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

AMS 4016M
AMS QQ-A-250/8C
ASME SB209-19

Load Details

| Package | Net Lbs | Kg | Lot | Piece | Serial | Parent Lot |
|------------|-----------|-----------|---------|-------|--------|------------|
| 1003214509 | 7,406.000 | 3,359.302 | 9163276 | 02 | | |

Lot: 9163276 (See test results below)

Tensile - Room Temperature (US)

| Direction | Tests | Ultimate (KSI) | | Yield (KSI) | | Elongation (%) | | Report |
|-----------|-------|----------------|------|-------------|------|----------------|------|--------|
| | | Min | Max | Min | Max | Min | Max | |
| L | 02 | 31.9 | 32.2 | 25.2 | 26.1 | 14.0 | 15.5 | |

Tensile - Room Temperature (SI)

| Direction | Tests | Ultimate (MPa) | | Yield (MPa) | | Elongation (%) | | Report |
|-----------|-------|----------------|-----|-------------|-----|----------------|------|--------|
| | | Min | Max | Min | Max | Min | Max | |
| L | 02 | 220 | 222 | 174 | 180 | 14.0 | 15.5 | |

Constellium testing performed at 859 Century Rd, Ravenswood WV 26164