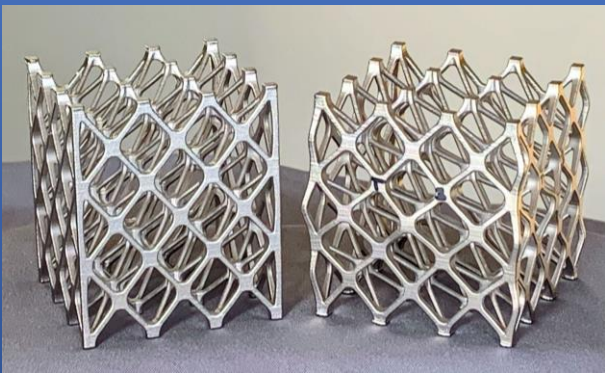


# Lattice Compression Testing

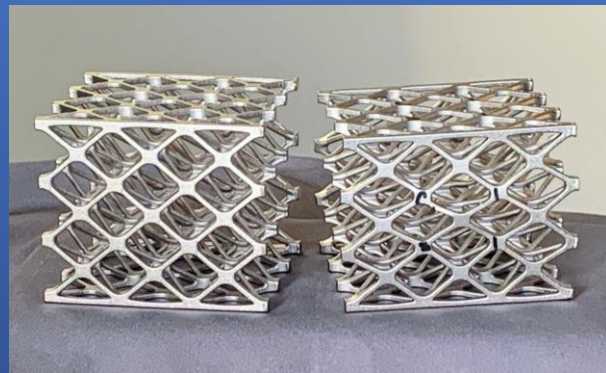
- Material: Clear
- Cube lattice structures electroplated with 177.8  $\mu\text{m}$  of Cu & Ni were testing for compression strength

Compression Test Top Load	
Specimen Label	Maximum Load (lbf)
Coupon 1 Top Load	1786.00
Coupon 2 Top Load	1790.00
Coupon 3 Top Load	1885.00
Coupon 4 Top Load	1783.00
Coupon 5 Top Load	1904.00
<b>Mean</b>	<b>1829.60</b>

Compression Test Side Load	
Specimen Label	Maximum Load (lbf)
Coupon 1 Side Load	826.30
Coupon 2 Side Load	693.40
Coupon 3 Side Load	776.00
Coupon 4 Side Load	777.50
<b>Mean</b>	<b>768.30</b>



Pre-test lattice compression sample (left) and post-test samples (right) that were loaded from the top



Pre-test lattice compression sample (left) and post-test samples (right) that were loaded from the side

