**Supplementary Material for the Warp deflection and heat flux value for the melt temperature at 280 ℃, 300 ℃, and 320 ℃.**

Warp deflection values on the symmetry microhole component at 280 ℃ for X, Y and Z.

A rainbow colored rectangular object with white circles

Description automatically generated with medium confidence

A rainbow colored rectangular object with white circles

Description automatically generated

A green and blue grid with white circles

Description automatically generated

Warp deflection values on the symmetry microhole component at 300 ℃ for X, Y and Z.

A rainbow colored dot pattern

Description automatically generated with medium confidence

A colorful grid with white circles

Description automatically generated with medium confidence

A green and blue grid with white circles

Description automatically generated

Warp deflection values on the symmetry microhole component at 320 ℃ for X, Y and Z.

A rainbow colored rectangular object with white lines

Description automatically generated with medium confidence

A rainbow colored rectangular object with white marker

Description automatically generated with medium confidence

A screen shot of a grid

Description automatically generated

Heat flux values on the symmetry microhole component at 280 ℃, 300 ℃, and 320 ℃.

A blue rectangular object with green border

Description automatically generated

A blue rectangular object with white text

Description automatically generated

A blue rectangular object with green edges

Description automatically generated