Period 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Type of Cup | 0 min | 2 min | 4 min | 6 min | 8 min | 10 min |
| ceramic | 76.3 | 64 | 60.7 | 58.2 | 55.5 | 53.3 |
| glass | 83.7 | 73.6 | 66.4 | 61 | 56.7 | 53.1 |
| paper | 85.5 | 77 | 67 | 63 | 57 | 54 |
| thick plastic | 84.5 | 82.8 | 72.4 | 66.7 | 61.7 | 58.5 |
| insulated | 91 | 83 | 80 | 76.2 | 72.1 | 68.4 |
| styrofoam | 91.4 | 72.4 | 43.6 | 41.7 | 36.9 | 29.5 |
| thin plastic | 87.5 | 73.1 | 58.9 | 51.8 | 49.9 | 47.9 |
| metal | 86.7 | 76 | 68.7 | 62.8 | 58 | 54 |

Period 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| type of cup | 0 min | 2 min | 4 min | 6 min | 8 min | 10 min |
| ceramic | 78 | 69 | 66.5 | 65 | 61 | 58.8 |
| glass | 75.3 | 67.8 | 67.3 | 66.5 | 65.9 | 63.3 |
| paper | 92.5 | 84.2 | 80.1 | 74.8 | 70.9 | 67.3 |
| thick plastic | 81.9 | 73.7 | 65.3 | 59.9 | 55.2 | 52.1 |
| insulated | 50 | 50 | 48 | 47 | 46 | 45 |
| styrofoam | 83 | 80.3 | 78.2 | 72.4 | 67.3 | 63.5 |
| thin plastic | 80.2 | 69.5 | 65.3 | 64.2 | 62.2 |  |
| metal | 90 | 75 | 68 | 63 | 58 | 55 |

Period 5

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| type of cup | 0 min | 2 min | 4 min | 6 min | 8 min | 10 min |
| ceramic | 66.3 | 57.4 | 53.6 | 50.5 | 48.0 | 45.6 |
| glass | 68.3 | 61.8 | 57.9 | 54.1 | 51.7 | 49.2 |
| paper | 90 | 80 | 74.7 | 70.3 | 66.4 | 63.1 |
| thick plastic | 80 | 75 | 70 | 65 | 60 | 55 |
| insulated | 72 | 66.9 | 63.7 | 61 | 58.8 | 56.8 |
| styrofoam | 75 | 69.2 | 65.4 | 62.2 | 59.4 | 56.8 |
| thin plastic | 80 | 74 | 67 | 65 | 59 | 55 |
| metal | 67 | 58 | 51 | 47 | 43 | 40 |

Period 8

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| type of cup | 0 min | 2 min | 4 min | 6 min | 8 min | 10 min | Temp  Change |
| ceramic | 87.6 | 73.9 | 70.8 | 67.6 | 64.4 | 62.2 | 25.4 |
| glass |  |  |  |  |  |  |  |
| paper | 93 | 84.7 | 79.9 | 75 | 71.1 | 68 | 25 |
| thick plastic | 83.3 | 75.5 | 69.2 | 64.3 | 60.4 | 57.2 | 26.1 |
| insulated | 86.4 | 81 | 76.3 | 72.3 | 68.9 | 65.7 | 20.7 |
| styrofoam | 90 | 88.5 | 77.9 | 73.5 | 69.1 | 65.5 | 24.5 |
| thin plastic | 77.8 | 73.2 | 67.6 | 65 | 61.4 | 56.1 | 21.7 |
| metal | 88.8 | 78.8 | 72.5 | 67.3 | 62.9 | 59.4 | 29.4 |