



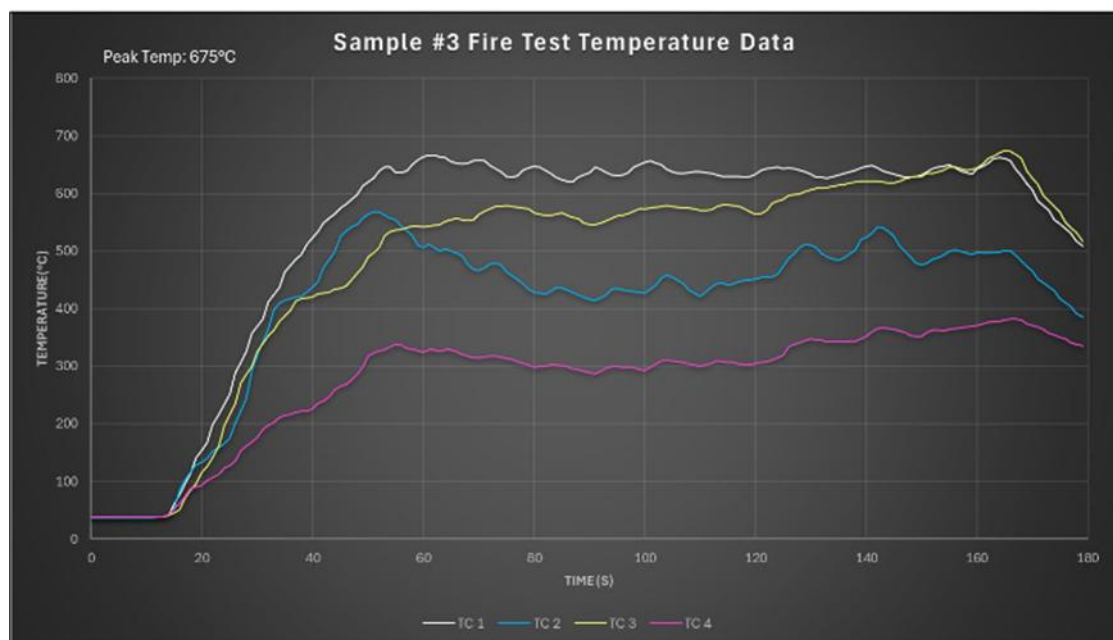
# ISO 7840:2021 Fire Resistance Testing

## Certification Test Report IMANNA

### Laboratory Inc, Fl

Three TruDesign Marine Ball Valve assemblies were exposed to a 2.5-minute fire test during which the temperature reached a minimum of 650 °C at a point within 0.5 in. of the ball valve body. Following the fire exposure, the flames were extinguished, and the samples were examined for leakage. The results of the fire resistance testing demonstrate conformance with ISO 7840:2021, Section 6.7.

Images of the fire test and temperatures are below



**Sample #3 Fire Test Temperature Graph**



Sample #3 Before, During, and After Fire Ignition