

## 1. Test method

### • NEMA LD3 – 3.5

The test measures the ability of the surface of high-pressure decorative laminate to resist damage when subjected to a radiant heat source.

### • Test sample

The sample shall be at least 200 X 200 mm(8X8 inches)

### • Test procedure

- a. Position the heater (the temperature is between 289℃ and 294℃) on the test specimen so that the resistance coil is at least 38mm (1~1/2 inches) in from any edge, start the timer at this instant, cover the assembly with the enclosure within 2 seconds, and continue until the specimen fails or for 600 seconds.
- b. The second test shall be made at a location at least 100mm (4 inches) from the first test, and the third test shall be made at a location of at least 100mm (4 inches) from both previous tests. The heater block shall not rest on an area of the test specimen which has been previously subjected to test

## 2. Test result

Blisters	Crazing	Discolorration	Charring
No effect	No effect	No effect	No effect

\* No Effect : No change in color or surface finish

*This Technical Bulletin is intended to provide guidelines for optimal fabrication, installation, and performance of LOTTE ADVANCED MATERIALS products mentioned. Though the information contained herein is deemed reliable, none of the contents—including but not limited to the instructions, techniques, graphics, and recommendations—is to be understood as implying legal liability of fitness for a specific purpose, any other type of warranty, or being complete, or absolute in its range and nature of information. Depending on the user's particular application, all necessary measures must be taken to verify and test the adequacy for such needs or application. Any information or recommendation herein is strictly for purposes of reference and as such, LOTTE ADVANCED MATERIALS assumes no responsibility for its suitability or accuracy or the use of such information for products other than LOTTE ADVANCED MATERIALS Staron® solid surfaces & Radianz® quartz surfaces.*