

Boiling Water Resistance

1. Test Standard

1.1 Test Method

NEMA LD3, Section 3.5 "Boiling Water Resistance"

1.2 Test Procedure

- 1) A specimen (200mm x 200mm) was cleaned and placed on a flat level surface.
- 2) A heating vessel in accordance with NEMA LD 3 Fig 3-2 was filled with distilled water and set on a hot plate. The water was brought to a vigorous boil.
- 3) 10ml of the boiling water was poured onto the test specimen, and the heating vessel with the remainder of the water still inside was placed in the puddle.
- 4) The specimen was left undisturbed with the heating vessel in place on it for 20 minutes.
- 5) After the 20 minute, the heating vessel was removed and the specimen was dried with a clean, soft, white cloth.
- 6) The specimen was then left to stabilize at room temperature for 24 hours.
- 7) The specimen was examined for blisters, crazing, whitening, cracking, and Dulling.

2. Test Result

Blisters	Crazing	Whitening	Cracking	Dulling
No Effect	No Effect	No Effect	No Effect	No Effect

Result: No Effect (No Change in Color or Surface Finish)

The information contained herein is provided by Jin Gwang Industries Co., Ltd. for information purposes only and should be used by individuals with technical experience and knowledge in the area. Jin Gwang Industries Co., Ltd. does not make any representation or warranties of the usefulness or expected result of the information, and does not assume any responsibility whatsoever related to the use of the information. Exclusion of the implied warranties may not apply in certain jurisdictions.