

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 (8" x 8") 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)

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