

High Temperature Resistance

1. Test Standard

1.1 Test Method

NEMA LD3, Section 3.6 "High Temperature 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 1/2 to 2/3 of the way full with bath wax and set on a hot plate.
- 3) The wax was heated to 185°C (365°F) and then removed from the heat source.
- 4) The wax was allowed to cool to 180±1°C (356±2°F).
- 5) The vessel containing the heated wax was then placed on the surface of the test specimen.
- 6) The specimen was left undisturbed with the heating vessel placed on it for 20 minutes.
- 7) After the 20 minute, the heating vessel was removed and the specimen was allowed to stabilize at room temperature for 24 hours
- 8) The specimen was wiped down with acetone to remove any residual wax or debris.
- 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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