

Westinghouse Electric Corporation Insulating Materials Division Manor, Pennsylvania, U.S.A. 15665 Technical Data Sheet **65-550** 

Page 1

## B-277-1 Clear Baking Varnish

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Westinghouse B-277-1 is a modified alkyd low temperature curing varnish with excellent moisture resistance under humid conditions. Recommended for dip coating of coils, electronic components, and electrical apparatus for good electric properties.

## **Descriptive Information**

- coempare micronation
Color Clear
Non-Volatiles 35±1%
Specific Gravity 0.916 - 0.936
Viscosity (Demmler #1@
25° C 15-30 Seconds
Thinner Xylol
Flash Point
ASTM Drying Time @
25° C 20 Mins. Max.
Dielectric Strength - Dry 2200 Volts/Mil
Dielectric Strength - Wet 1800 Volts/Mil
Recommended Curing
Cycle 3-6 Hrs. @ 125° C.

## Thermal Life

Westinghouse B-277-1 has a thermal life of 20,000 hours at 160°C as determined by IEEE #57 test using MW-35 wire.

Performance Information

ASTM Oil Resistance .... Fair
Adhesion to Steel ... Excellent
Adhesion to Copper ... Excellent

## Packaging Information

Westinghouse B-277-1 Clear Baking Varnish is available in 1-gallon cans, 5-gallon pails, and 55-gallon drums.

The information contained herein is intended as a guide and should not be construed as a performance guarantee as the Company has no control over the manner in which others may employ the product.