



December 1, 1980
New Information
Mailed to: E, D, C/2169/DB

B-277-1 Clear Baking Varnish

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

Color Clear
Non-Volatiles $35 \pm 1\%$
Specific Gravity 0.916 - 0.936
Viscosity (Demmler #1 @
25° C. 15-30 Seconds
Thinner Xylol
Flash Point 81° F.
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.