PRODUCT DATA SHEET

1202

DESCRIPTION
GLYPTAL 1202 INSULATING VARNISH is a clear air-drying, insulating, and finishing varnish designed for applications where oil, moisture, and acid-resistant coatings are desired. This fast-drying, synthetic-resin-type varnish is often used as a final coat over other varnishes, giving a hard, glossy protective coating. GLYPTAL 1202 Varnish has excellent heat resistance and will operate as a finish coat at temperatures up to 145 ºC on an apparatus that is not flexed. Although primarily an air-drying varnish, the oil, moisture, acid, and salt water resistance are greatly improved by baking. GLYPTAL 1202 has excellent adhesion to most materials. It has excellent dip tank stability where the proper thinners are used.

PRODUCT DETAILS
Percent Solid by Weight 50% ± 2
Viscosity @ 25 ºC (MacMichael), average 230 cps
Solvent System Xylene
Specific Gravity @ 25 ºC, average 0.98
Flash Point (Pensky-Martens) 62 ºF
Air-Drying Time, tack free, average 1 hour (1 mil dry film)

Typical Cured Properties
Dielectric Strength – Dry 2500 vpm (ASTM D115-55)
Dielectric Strength – 24 hours in water 600 vpm

Chemical Resistance
- Oil (Transil) Excellent
- Water Good
- Salt Water Good
- Acid Good
- Alkali Fair

APPLICATIONS
GLYPTAL 1202 is suggested as a general-purpose insulating and finishing varnish for form and random-wound coils, stators, armatures, and most other types of electrical apparatuses. It is excellent for giving and oil-resistant finish coating over inexpensive asphalt varnishes.

The recommendations, test results and suggestions are offered as a guide and are not a guarantee of the performance inasmuch as the company has no control over the use to which others may put the product. The above properties are typical values and not intended for specification use.