

INSULATING PU VARNISH 605

Product Scope

Buxly Insulating PU Varnish 605 is a synthetic resin based stoving insulating varnish which has a flexible baking schedule from 90°C to 130°C depending on the size of the object being applied with. The resulting film of Buxly Insulating PU Varnish 605 is clear, tough, water and oil resistant. It is an ideal insulation solution for small electrical windings and coils. It has good penetration power and can be used by both hot as well as cold dip processes.

Product Application

Buxly Insulating PU Varnish 605 is based on special synthetic resins incorporated with specialized additives which provide excellent adhesion, curing, oil and water resistance. Buxly Stoving Insulating Varnish is supplied at 25 – 35 Sec @ F-4 @ 30°C and need not to be thinned prior to application. However, if thinning is required, only Buxly Mixing Thinner is recommended.

Technical Information

Type of Product	Single Pack Force Drying/Baking
Color	Clear-Straw Color
Pack Viscosity	25-30 Sec @ 30°C @ F4 Cup
Specific Gravity	0.88-0.92
Grind	Clear
Flash Point	>30°C
Baking Schedule	90-100°C @ 45 Minutes 120-130°C @ 30 Minutes
Electrical Strength	800 Volts/Thou @ 20° C after 7-Days of Curing 600 Volts/Thou @ 90° C after 7-Days of Curing
NVM (By Weight)	41 ± 2 %

Application Information

Application Method	Cold/Hot Dip
Application Viscosity	As per requirement of substrate
Solvent/Cleaner	Buxly Mixing Thinner
Flash-Off Time	15 Minutes-01 Hour