

WuHu LAIKE Special Additives Co.,Ltd.

Add:12# Weiliu Road, FangCun Industry Zone, JinHu district,

WuHu City, AnHui province, China

Fax: 0086-553-8437528

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## Fatty acid modified polyester resins (ALKYD RESINS)

[illegible]

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## Impregnating Varnish

| Product name | Base resin     | Viscosity<br>DIN 4#, 25°C | Cure<br>Schedule | Thermal<br>Class | Application<br>Method | Component | Typcal applications                                                            |
|--------------|----------------|---------------------------|------------------|------------------|-----------------------|-----------|--------------------------------------------------------------------------------|
| FST 980      | Modified Alkyd | 50-120S                   | ≤60min, 25°C     | F, H             | DIP/SPRAY             | Single    | Fast air drying, anti tracking                                                 |
| FD 2100      | Modified Alkyd | 40-80S                    | ≤60min, 25°C     | B, F             | DIP/SPRAY             | Single    | Fast air drying or low temperature curing,<br>water resistance                 |
| FD 2104      | Modified Alkyd | 40-80S                    | ≤60min, 25°C     | B, F             | DIP/SPRAY             | Single    | Fast air drying or low temperature curing,<br>water resistance                 |
| Y 300        | Alkyd          | 40-60S                    | 2-12h, 110-150°C | F, H             | DIP                   | Single    | Excellent flexibility with good bond<br>strength, excellent chemical and water |
| Y 356G       | Alkyd          | 40-60S                    | 2-12h, 110-150°C | F, H             | DIP                   | Single    | Excellent flexibility with good bond<br>strength, excellent chemical and water |
|              |                |                           |                  |                  |                       |           |                                                                                |
|              |                |                           |                  |                  |                       |           |                                                                                |
|              |                |                           |                  |                  |                       |           |                                                                                |

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## Magnetic Wire Insulating Enamel

| Product name | Base Resin               | Solid Content<br>1g/1h180℃ | Viscosity<br>mPa. s, 25℃ | Thermal Class | Application Method | Typcal applications                                                                                                           |
|--------------|--------------------------|----------------------------|--------------------------|---------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1740         | THEIC modified polyester | 32±1%                      | 40±10s, T4#              | F             | Felts              | High solid content low viscosity, easy application with excellent flexibility and adhesion, pin-hole resistance               |
|              |                          | 36±1%                      | 500±150                  |               | Dies               |                                                                                                                               |
|              |                          | 40±1%                      | 1200±200                 |               | Dies               |                                                                                                                               |
| 1759         | THEIC modified polyester | 32±1%                      | 45±10s, T4#              | H, C          | Felts              | Excellent adhension, flexibility and thermal properties, recommended to use as basecoat with nylon or polyamide-imide topcoat |
|              |                          | 36±1%                      | 800±200                  |               | Dies               |                                                                                                                               |
|              |                          | 40±1%                      | 1200±200                 |               | Dies               |                                                                                                                               |
|              |                          | 43±1%                      | 1800±300                 |               | Dies               |                                                                                                                               |
| 1750         | Polyester-imide          | 32±1%                      | 40±10s, T4#              | C             | Felts              | Good runnability and flexibilit, Freon resistance, for general purpose                                                        |
|              |                          | 36±1%                      | 500±150                  |               | Dies               |                                                                                                                               |
|              |                          | 39±1%                      | 1000±200                 |               | Dies               |                                                                                                                               |
| 1760         | Polyamide-imide          | 25±1%                      | 45±10s, T4#              | C             | Felts              | High solid content low viscosity with longer shelf life, applied mostly as overcoat to produce dual coating wires             |
|              |                          | 34±1%                      | 1000±200                 |               | Dies               |                                                                                                                               |
|              |                          | 36±1%                      | 1300±300                 |               | Dies               |                                                                                                                               |
| 1742         | Polyurethane             | 32±1%                      | 40±10                    | F             | Felts              | General purpose, pinhole resistance, lower viscosity at higher solid, particularly used for fine wires, fast soldering        |
|              |                          | 36±1%                      | 500±150                  |               | Dies               |                                                                                                                               |
|              |                          | 40±1%                      | 1000±200                 |               | Dies               |                                                                                                                               |