



Solvent Free Silicone Resin LR-032

Description:

This product is a low-molecular-weight, solvent-free reactive methyl/phenyl polysiloxane resin containing alkoxy functional groups. It can undergo room-temperature moisture curing when used with catalysts such as amino silane, organotin, or organotitanium, providing excellent drying properties and mechanical performance. With a high silica content, it offers superior heat resistance and low-smoke characteristics. When combined with carbon black and aluminum paste, it ensures long-term temperature resistance up to 650° C without producing an open flame.

Typical Technical Properties:

Items	Index
Appearance	Colorless to light yellow liquid, opalescent light is allowed
Viscosity (25°C), cp	200-800
Volatile component %	≤ 3

Note: These data are for reference only and should not be used as preparation specifications.

Application:

This product is widely used in high-temperature-resistant coatings, including chimney coatings, fireplace coatings, and steam pipe coatings.

Package & Storage:

In 200kg drum.

Keep in cool, dry place. Avoid acid and alkali contact. This product belongs to non-dangerous goods. Its shelf life is 6 months (can still be used if the product is qualified after the expiration date).

Use Reference:

1. It is generally recommended to mix pigment fillers with a portion of the resin to create a color paste before adding the remaining silicone resin to formulate the final coating. Alternatively, resin-free color paste can be directly blended into the resin to adjust the finished paint.
2. Xylene or other hydroxyl-free solvents can be used as diluents.