

SiSiB[®] SR2801

Methylphenyl Hydrogen Silicone Resin

Introduction

SiSiB[®] SR2801 is a methylphenyl hydrogen silicone resin which is synthesized with phenyl monomer as raw materials by a special post-treatment has excellent Si-H activity.

SiSiB[®] SR2801 is a reliable cross linker for manufacturing high temperature resistant addition liquid silicone rubber and high refraction phenyl LED silicone encapsulates.

Typical Physical Properties

| | |
|-------------------------|-------------|
| Solid content (%) | Min.96 |
| Refractive Index (25°C) | 1.54 |
| Vinyl content (%) | 3.4-3.8 |
| Hydrogen Content (%) | 0.10-0.12 |
| Viscosity(25°C, Cst) | 20000-25000 |

Special Features and Benefits

SiSiB[®] SR2801 molecules contain active Si-H bonds, which can participate in a variety of chemical reactions and have good film forming properties.

SiSiB[®] SR2801 in the alkaline or Lewis acid state, it can interact with HO or R-OH to release H₂.

SiSiB[®] SR2801 can easily react with alkenes in the presence of platinum-chromium complexes.

SiSiB[®] SR2801 has low temperature required for reaction, less catalyst amount, complete reaction, colorless and odorless.

Packing and Storage

SiSiB[®] SR2801 is packed in polyethylene plastic drums, 5KG per tin or 50KG per drum or 200KG per drum.

In an airtight container, store in a cool, dry, light-free, well-ventilated place to avoid the presence of impurities (especially catalysts, oxidants and acid-base substances).

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In the original unopened packaging, SiSiB[®] SR2801 has a shelf life of one year in a dry and cool place.

Notes

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.