

SiSiB[®] PC11260

Silicone Resin

INCI: Dimethicone (and) Trimethylsiloxysilicate

INTRODUCTION

SiSiB[®] PC11260 is a crosslinked methyl silicone resin and its formed film with high hardness has good gas permeability and good heat, abrasion and aging resistance. The film is also waterproof and breathable.

ADVANTAGES

- Crosslinked methyl silicone resin
- Good heat, abrasion and aging resistance
- Form a film with high hardness
- Durable glossiness and smoothness
- Retain the color and gloss

TYPICAL PHYSICAL PROPERTIES

Appearance	Colorless transparent liquid
Specific gravity (25°C)	0.890-0.920
Viscosity (s, 25°C)	10-15
pH	5-7
Active substance (%)	28-34

Solubility:

Xylene	Soluble
n-Butanol	Soluble
Isobutanol	Soluble
Cyclohexanone	Soluble
Ethylene glycol	Insoluble
2-Butoxyethanol	Soluble
Isopropanol	Soluble
Mineral spirits	Soluble
Methyl isobutyl ketone	Partially soluble

APPLICATIONS

SINOPCC GROUP

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SiSiB®PC11260 can be used as heat resistance coatings and waterproof coatings.

How to use:

SiSiB®PC11260 can cure to form a film in 0.5 hour at 120°C-150°C. The application of catalyst can reduce the curing temperature to below 110°C and shorten the time of curing, but the appearance of film could turn to yellowish. It can also cure completely in 5 hours at room temperature.

Recommend Dosage:

The recommended usage level of this product is 0.2-0.5% calculated and based on total formulation. It is strongly recommended carry out preliminary tests to determine the optimum quantity for particular application.

PACKING AND STORAGE

SiSiB® PC11260 is supplied in 50Kg plastic drum, or 200Kg steel drum.

In the original unopened packaging, SiSiB®PC11260 has a shelf life of six months in a dry and cool place at room temperature.

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.