

SiSiB® Vinyl Phenyl Silicone MQ Resin PVMQ Series

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CHEMICAL NAME

SiSiB® Vinyl Phenyl Silicone MQ Resin PVMQ Series

INTRODUCTION

The reliability of LED is 30% decided by the chip and 70% decided by the encapsulation. SiSiB® PVMQ is used in LED and the encapsulation protection of the Electronic and electrical components. It shows high cured film hardness, good light transmission, low light decay, good anti-yellowing and ageing-resistance, low shrink and small moisture absorption rate. It has excellent adhesion to PPA, PCB, electrical components, ABS, metal. Besides, it owns excellent mechanical and electrical insulating property, super heat stability, good solvent and water resistance, anti-ablative and radiation resistance.

APPLICATIONS

SiSiB® PVMQ is used in LED and the encapsulation of the Electronic and electrical components for moisture-proof, anti-dust, corrosive proof, shock resistance, and sealings, and for the increasement of service performance and parameter steadiness.

SiSiB® PVMQ is also used for insullac, impregnated coil, impregnated glass colth and casing pipe, bonded mica insulation, electronic element protection.

TYPICAL PHYSICAL PROPERTIES

Product	SiSiB® PVMQ
Color and Appearance	Transparent Liquid
M/Q Rate	0.8-2.1
Specific Gravity _{25°C}	0.8900~0.9805
Volatile Content(150°C, 3h)	Max 1.0%
Refractive Index	1.4500~1.5500
Vinyl Contents	0.6~12%
Viscosity	2000-20000cSzh

Product Name	Vinyl (wt%)	Viscosity(cSt)	Refractive Index
SiSiB® PVMQ-6012	2.4-2.5	4500-6000	1.5180-1.5200

Power Chemical
ISO9001 ISO14001 certificated

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SiSiB® PVMQ-6013	2.46-2.58	17000-20000	1.5240-1.5270
SiSiB® PVMQ-6051	4.10-4.40	7000-10000	1.5250-1.5380
SiSiB® PVMQ-6052	5.23-5.37	7000-9000	1.5320-1.5380
SiSiB® PVMQ-6053	5.30-5.65	17000-20000	1.5380-1.5420
SiSiB® PVMQ-6062	5.17-5.38	7000-9000	1.5250-1.5290
SiSiB® PVMQ-6063	5.62-5.97	17000-20000	1.5310-1.5360
SiSiB® PVMQ-6067	8.50-8.80	800-1100	1.5100-1.5250
SiSiB® PVMQ-6071	3.10-3.50	50000	1.5410-1.5490
SiSiB® PVMQ-6072	5.0-5.5	150000-200000	1.5350-1.5450
SiSiB® PVMQ-6A1	6.21	5000	1.51
SiSiB® PVMQ-6A2	7.29	10000	1.51
SiSiB® PVMQ-6A3	7.29	4000	1.51
SiSiB® PVMQ-10P	8.8	8000	1.52
SiSiB® PVMQ-56M	6.0	15000	1.53
SiSiB® PVMQ-01P	6.0	3200	1.5175
SiSiB® PVMQ-6A7	6.0	12500-14500	1.53
SiSiB® PVMQ-6A11	4.9	18000-20000	1.54
SiSiB® PVMQ-6A12	5.8	20000-22000	1.53
SiSiB® PVMQ-6A13	5.1	16000-18000	1.54
SiSiB® PVMQ-6A14	4.5	18000-20000	1.545

PACKING AND STORAGE

SiSiB® PVMQ is supplied in 10Kg, 20Kg barrel.

In the original unopened packaging, SiSiB® PVMQ has a shelf life of one year in a dry and cool place. Avoid moisture in the air. Avoid the N, P, S, Pb, Tn, Cd, Hg and heavy metal.

The viscosity will increase with time.

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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.

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