KER-2957PH-A/B

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Product Description

Shin-Etsu's KER-2957PH-A/B is a Methyl-Silicone potting encapsulant for UV-LED applications. It exhibits anti-cracking properties and higher temperature resistance than the KER-2957-A/B. This product allows higher light transmittance at shorter wavelengths than other silicone encapsulants.

Product Features

- Excellent refractive index
- Dual component
- Heat cure
- High light transmittance
- High temperature resistance

Typical Applications

- Encapsulating LED components

Typical Properties

Type	Potting Encapsulant
Cure Type	Addition
One/Two Component	Two
Color	Transparent
Density @ 23C (g/cm^3)	1.03
Viscosity A (Pa·s)	4.00
Mix Ratio by weight	100/100
Cure Conditions	100C/1hr+150C 2hr
Shore A Hardness	45
Tensile Strength (MPa)	6.10
% Elongation	180
Refractive Index (23C/589nm)	1.41
% Light Transmissivity (400nm/2mm)	93

Note: Values are not for specification purposes.