

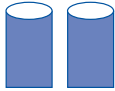


Gelest® OE 46 1.46 Refractive Index 2-Part Silicone RTV Encapsulant (1:1 kit)

Capsular Description:	Thickness  thick	Cure Pt catalyst	Hardness  low	Type  100% active 2-part
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Description

Gelest® OE 46 is a flexible, optically clear molding, encapsulation and coating compound. Refractive index of Gelest® OE 46 matches glass, allowing for fabrication with 'invisible' joints. The low viscosity of the catalyzed mix, long pot-life at room temperature and moderate cure temperature make this extremely useful in laboratory, prototype and small production run applications.

Cured Properties

Refractive Index (25°C)	1.46
Tensile Strength	0.25 MPa
Elongation	50%
Durometer, Shore A	10-20
Specific Gravity	1.05

Uncured Properties of Gelest® OE 46

Viscosity (1:1) catalyzed: 1500-2500 cSt

Application Methods

Thoroughly mix Part A with Part B in a 1:1 ratio. De-air mix under vacuum for about 20 minutes. The pot-life is 18 hours at 25°C. Pot-life may be extended by storing at 5°C. Pour into mold or apply to substrate. Avoid entrapping air. Cure at 55°C for 4 hours or at room temperature for 72 hours.

Standard Packaging

- PP2-OE46 Gelest® OE 46
- 200 g kit (100g OE46-A, 100g OE46-B)
- 1 kg kit (500g OE46-A, 500g OE46-B)