




## Gelest® OE 50 1.50 Refractive Index 2-Part Silicone RTV Encapsulant (1:1 kit)

Capsular Description:	Thickness  thick	Cure <b>Pt</b> catalyst	Hardness  low	Type  100% active 2-part
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### Description

Gelest® OE 50 is a flexible, optically clear molding, encapsulation and coating compound. The higher refractive index of Gelest® OE 50 can act as cladding in optical waveguide applications. 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)	1.50
Tensile Strength	0.1 MPa
Elongation	75-100%
Durometer, Shore A	10-20
Specific Gravity	1.07

### Uncured Properties of Gelest® OE 50

Viscosity (1:1) catalyzed: 3000-5000 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 12 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-OE50 Gelest® OE 50  
 200 g kit (100g OE50-A, 100g OE50-B)  
 1 kg kit (500g OE50-A, 500g OE50-B)