

錫成股份有限公司

CAROL YOUNG CORPORATION

5F-1, NO. 60, PA TEH ROAD, SEC. 2, TAIPEI, TAIWAN, R.O.C.

台北市八德路二段六十號五樓之一

TEL:(02) 2751-4190 FAX:(02) 2751-8800

E-MAIL: carol.youngco@msa.hinet.net : carolyc@ms10.hinet.net

RAY-8636H

Introductions :

Due to the energy saver, best brightness and higher powder LEDs was applied on very field, as general illumination backlight for LCD, and Automotive light. In encapsulation epoxy resin can not stand heat cycle

on applications , A new product Silicone rubber ,which had heat and weather resistant ,could be apply on electric circles and LEDs used.

RAY-8636H is high heat resistant additional type silicone rubber.

Uncured properties :

RAY8636H-A

Viscosity :	2500 cps
special gravity :	1.01
appearance :	transparency

RAY-8636H-B

viscosity :	1500 cps
special gravity :	1.01
appearance :	transparency

Properties after cured :

Volume resistivity :	$> 1.0 \times 10^{15}$ ohm-cm
Dielectric strength :	> 20 Kv/mm
refraction :	1.412
Transmittance% :	92% /450nm
Shore :	70 (Shore A)
Heat resistance: :	260 °C over 30 min.

Operation process :

Weight : Take RAY8636H-A 與 RAY8636H-B by10:1 (weight ratio) well mixed
(viscosity after mixed about 2000 cps)

Defoaming : place the mixture in vacuum vessel , kept
vacuum lower than 500 mmHg.

Filler : Be careful pouring silicone to the container, avoid
occur bubble

Harden : Preheating(60°C X 15 min then 100°C X 50 min). then Curing , 后 150°C X 240
min.