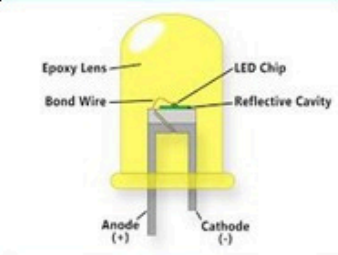








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# LED Adhesive & Encapsulation

## LED Potting and Optical Materials

Application	Features	Example	photo
Die attach	<ul style="list-style-type: none"> <li>• Non-conductive</li> <li>• High transparency, high temperature resistance and not yellowing</li> </ul>	Wire bond, Semiconductor die, Lead frame	
LED / White LED	<ul style="list-style-type: none"> <li>• Suitable for low power LED</li> <li>• Slow decay</li> <li>• Excellent moisture resistance</li> <li>• Low chlorine content</li> <li>• Suitable for auto-dispensing equipment</li> </ul>	Individual LEDs, LED Array modules	
LED strip potting	<ul style="list-style-type: none"> <li>• High transparency</li> <li>• Excellent flexibility</li> <li>• Good water resistance</li> </ul>	Flexible LED strips	
LED light bulb assembly	<ul style="list-style-type: none"> <li>• Excellent adhesion strength, insulation and weather resistance</li> <li>• Suitable for different substrates bonding</li> </ul>	LED Light bulbs, Heat sinks	
Thermal adhesive and thermal grease	<ul style="list-style-type: none"> <li>• Excellent thermal conductivity, adhesion strength and insulation</li> <li>• Suitable for LED plate heat dissipation and bonding</li> </ul>	LED Board / Heat sink interface	

### 1. Product

Product Type	Product No.	Color	Mix Ratio	Viscosity (cps)	Cure Condition	Hardness
Die attach	JC585-1	Light yellow	NA	26,000~33,000	150°C / 1hr	D89
	JC729-5	Opaque	NA	35,000~60,000	150°C / 1hr	D89
LED / White LED	JC526-6AB	A: Transparent / B: Transparent	1:01	A: 280~420 / B: 50~80	130°C/1hr + 150°C/2hr	D83
	JD168-8AB	A: Light yellow / B: Transparent	1:01	A: 1,000~2,000 / B: 100~200	130°C/1hr + 150°C/2hr	D81
Low chlorine content	JC518-6AB	A: Transparent / B: Transparent	1:01	A: 2,800~4,200 / B: 190~290	130°C/1hr + 150°C/2hr	D87
LED strip potting	JB646-2AB	A: Milky / B: Light yellow	1:01	A: 12,000~16,000 / B: 50~80	80°C/3hr or 150°C/40min	A59
LED bulb assembly	JA484-20AB	A: White / B: Milky	1:01	A: 80,000~140,000 / B: 70,000~110,000	25°C / 3days	D77
	JB925-12AB	A: Milky / B: Yellow	2:01	A: 40,000~62,000 / B: 80,000~130,000	25°C / 5~7days	D77
	JC180-3	White	NA	162,000	80°C / 30min	D85
	JC531-3	White	NA	220,000	80°C / 30min	D90
	JA293-2AB	A: Black / B: Transparent	100:08:00	A: 40,000~50,000 / B: 50~100	25°C / 5~7days	D76



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## 2. Thermal Adhesive

Product No.	Color	Mix Ratio	Viscosity (cps)	Cure Condition	Hardness	Thermal Conductivity (W/mK)
JA765AB	A: White / B: Light yellow	100:20:00	A: 150,000~180,000 / B: 10,000~12,000	25°C / 5~7days	D87	0.8~0.9
	A: White / B: Transparent	100:07:00	A: 150,000~180,000 / B: 30~90	25°C / 5~7days	D88	1
	A: White / B: Transparent	100:07:00	A: 150,000~180,000 / B: 10~50	25°C / 5~7days	D87	1
JB688-26G	Gray	NA	1,500,000~2,300,000	150°C / 60min	D86	3
JC953-1	White	NA	178,000~267,000	150°C / 30min	D89	1.54

## 3. Thermal Grease

Product No.	Color	Viscosity (cps)	Thixotropic Index	Thermal Conductivity (W/mK)
JA447	White	2,000,000~8,000,000	5	1.5
JC753	White	220,000~340,000	9.6	1.5
JC922-1	Gray	210,000~330,000	4.4	3.2


The Data is only for reference. Please refer to TDS for further information.



# Mishri Adhesive Tech

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