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# Technical Data sheet

## [LMC-565U-G]



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# Technical Data Sheet for LMC-565U-G

## ◆ Typical properties

Items	Unit	565U-G
Spiral Flow	in	55
Gel Time	sec	14
Hot Hardness	-	82
Specific Gravity	-	1.85
Tg	°C	174
C.T.E α1	x 10 <sup>-6</sup> /°C	18
C.T.E α2	x 10 <sup>-6</sup> /°C	60.5
Flexural Strength	Kgf/mm <sup>2</sup>	13
Flexural Modulus	Kgf/mm <sup>2</sup>	1360
Thermal conductivity	W/mK	0.65
Dielectric Constant(1MHz)	-	4.2
Dissipation Factor(1MHz)	-	0.012
Water absorption(PCT 24hrs)	%	0.5
Mold Shrinkage	%	0.4
Cl- ion content	ppm	10
Characteristic		<b>Fast curable</b>

☞ Values are typical, not guaranteed

## ◆ Basic composition

Items	565U-G	
Filler	Shape	Spherical
	Content	70
	AVG / Cut. size	14 / 55um
Epoxy Resin	OCN / MAR	
Hardener	PN	
Flame retardant	Metal oxide	

## ◆ Molding condition

Parameter	Unit	Range	Recommend
Mold temp.	°C	175±10	175
Preheat time	sec	0 ~ 5	3
Transfer time	sec	6 ~ 15	10
Cure time	sec	120±20	120

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## ◆ Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation.

## ◆ Handling

- A. Eye contact
  - Do not rub your eyes.
  - Immediately flush eyes with plenty of water for at least 15minutes and call a doctor/physician.
- B. Skin contact
  - Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
  - Laundering enough contaminated clothing before reuse.
- C. Inhalation contact
  - When exposed to large amounts of steam and mist, move to fresh air.
  - Take specific treatment if needed.
- D. Ingestion contact
  - About whether I should induce vomiting, Take the advice of a doctor.
  - Rinse your mouth with water immediately.

※ more details, please refer to GHS-MSDS