



Technical Data Sheet

(LMC-300T-KL)

To :



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◆ **Typical properties**

Items	Unit	Values
Spiral Flow	Inch	29
Gel Time	sec	17
Hot Hardness	-	84
Specific Gravity	-	2.02
Tg	°C	160
C.T.E α1	x 10 ⁻⁶ /°C	26
C.T.E α2	x 10 ⁻⁶ /°C	80
Flexural Strength	Kgf/mm ²	14
Flexural Modulus	Kgf/mm ²	1550
Thermal conductivity	W/mK	1.4
Dielectric Constant(1MHz)	-	4.3
Dissipation Factor(1MHz)	-	0.007
Water absorption(PCT 24hrs)	%	0.5
Na+ ion content	ppm	< 10
Cl- ion content	ppm	< 10

☞ Values are typical, not guaranteed

◆ **Basic composition**

Items	300T-KL	
Filler	Shape	Angular
	Content	75%
	AVG. Size	18 um
Epoxy Resin	OCN	
Hardener	Phenol Novolac	

◆ **Molding condition**

Parameter	Unit	Range	Recommend
Mold temp.	°C	175±10	175
Preheat temperature	°C	70~ 90	80
Transfer time	sec	6 ~ 18	12
Cure time	sec	120±30	120

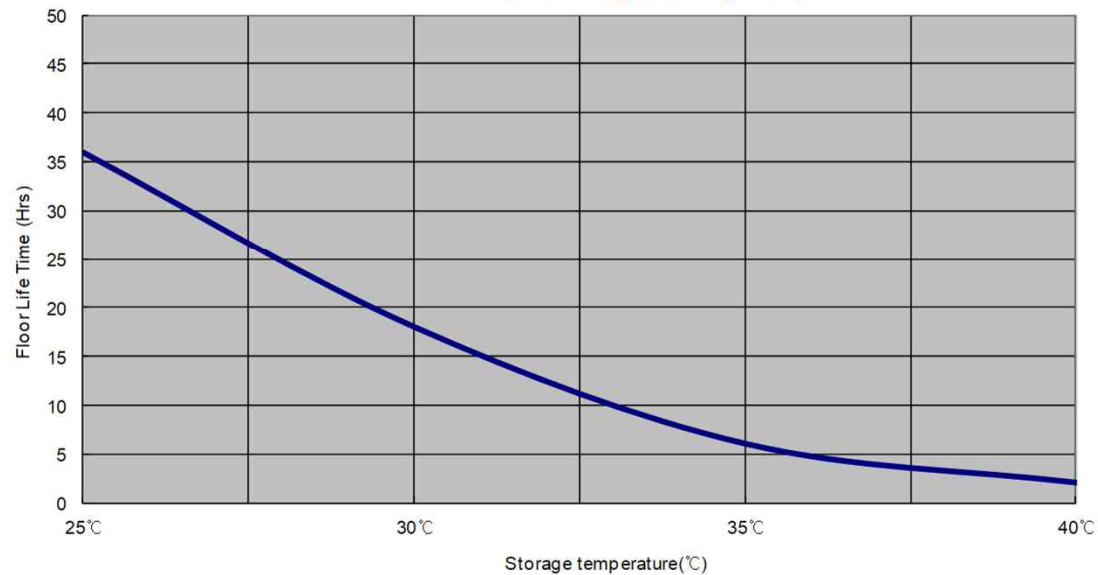
◆ **Post mold cure condition**

Parameter	Unit	Range	Recommend
PMC temp	°C	175±10	175
PMC time	hrs	0 ~ 6	4



◆ Storage

Floor Life Time vs Storage temperature
(Excluding thawing time)



- At Cold Room : 10 months if goods are stored in cold room below 5°C.
- At Room temp. : In case under 25°C/50%RH , We recommend to use within 36hrs except thawing time(12hrs).

◆ Thawing

In case under 25°C/50%RH and do not open the package, We recommend to thawing at least after 12hrs.



◆ 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 15 minutes 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