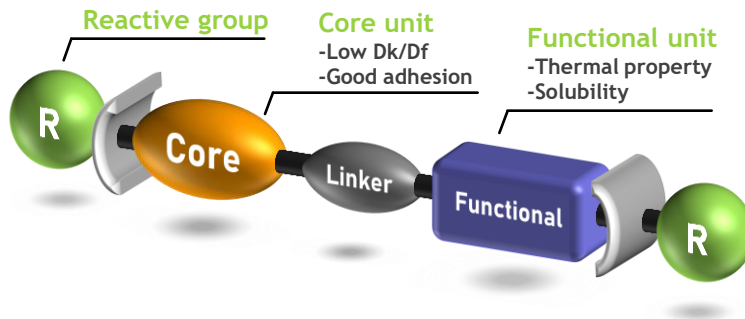


CG-7000 series

Low Df, High Tg, Good adhesion

Design Concept



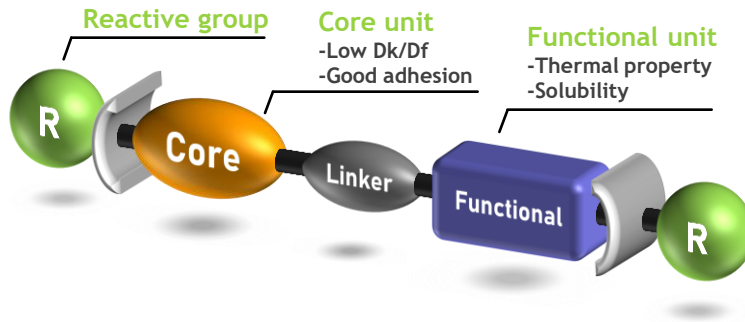
		CG-7001	CG-7003
Feature		Low Df High Tg	Low Df Good adhesion
Structure	Core + Functional	Type I	Type III
	R	Radical-curable	Radical-curable
Product	Non-volatile (%)	62	62
	Solvent(%)	Toluene 38	Toluene 38
Properties <u>Composition</u> Initiator 0.5phr	Dk/Df @10GHz	2.6/0.0009	2.6/0.0011
	Tg (°C, DMA)	230	170
	T _d ⁵ (°C)	400	390
	Peel strength (N/mm)	0.6	0.8

Curing Condition: 200°C x 2h, under N₂.

CG-7000 series

Higher molecular weight type

Design Concept



		CG-7005	CG-7006
Feature		Ultra low Df Good adhesion High Tg	Ultra low Df Excellent adhesion High Tg
Structure	Core + Functional	Type I'	Type I'
	R	Radical-curable	Radical-curable
	Molecular weight	Middle	High
Product	Non-volatile (%)	50	40
	Solvent(%)	Toluene 50	Toluene 60
Properties <u>Composition</u> Initiator 0.5phr	Dk/Df @10GHz	2.6/0.0008	2.6/0.0008
	Tg (°C, DMA)	220	220
	T _d ⁵ (°C)	420	430
	Peel strength (N/mm)	0.7	1.0

Curing Condition: 200°C x 2h, under N₂.