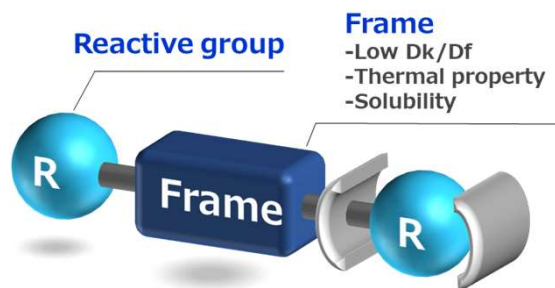


JSR ELPAC™ PJ series

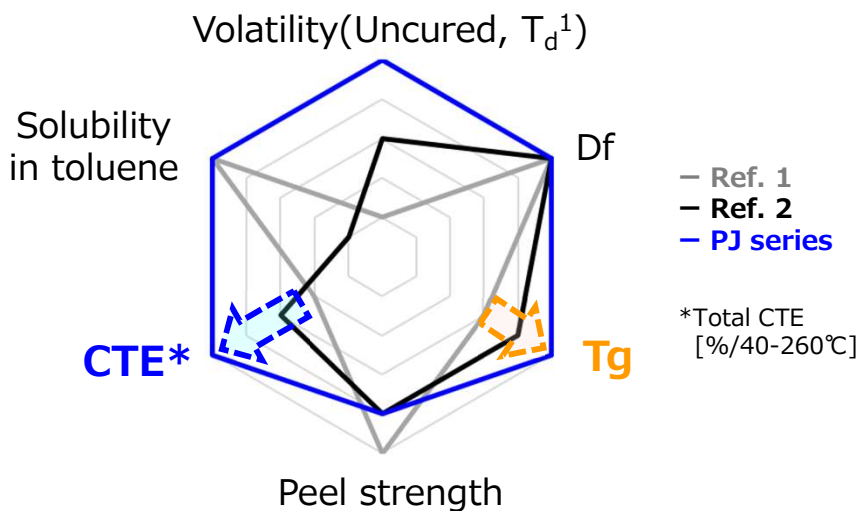
Low CTE, High Tg, Low Dk/Df, High Compatibility

Design Concept



- Low CTE
- High Tg
- Low Dk/Df
- High compatibility

Characteristic image



Products list

			Ref HC-G0037	PJ0007	PJ0004	PJ0006
Feature			Low Df polymer	Super High Tg Low CTE	High Solubility Low CTE	Low Df Low CTE
Product	Structure	Frame	-	Type-1	Type-2	Type-3
		R	-	Radical-curable	Radical-curable	Radical-curable
	Non-volatile (%)		62	30	62	62
	Solvent (%, Toluene)		38	70	38	38
	Viscosity (mPa s@25°C)		500~1500	<5	20-30	<5
	T_d^1 (°C) Dried sample/uncured		258	352	350	148
Properties*	Dk @10GHz		2.6	2.6	2.6	2.6
	Df @10GHz		0.0011	0.0012	0.0012	0.0011
	Tg (°C, DMA)		172	195	190	180
	Total CTE [% Δ (40-260°C)]		5	3	4	3

*Composition : HC-G0037/Cross-linker/Initiator = 70/30/0.5 wt (dry), Curing Condition: 200°C x 2h, under N₂.