



**MOLDING COMPOUND**  
**MQFP 14X20 Packages**  
**SL 7300RS**

1. Supplier : STARCOM-Korea
2. Grade name : SL 7300RS

<b>Composition:</b>		
Epoxy Resin	type	Ortho Cresol Novolac(OCN)
Hardner	type	Phenol Novolac
Catalyst	type	P
Filler content	wt%	76
Silica	type	Fused
	shape	Angular/Spherical
	ratio	60/40
Modifier	apply	yes
Coupling Agent	type	A
Wax	natural/synthetic	7/3
Flame Retardant	apply	Br/Sb

<b>Properties:</b>		
Spiral flow	inch	35
Gel time	sec	27
Thermal expansion coefficient(a1)	10-6/?	17
Thermal expansion coefficient (a2)	10-6/?	65
Tg	'C	150
Water absorption (after 24hrs boil)	wt%	max 0.5
Flexural strength	kg/sq mm	12
Flexural modulus	kg/sq mm	1500
Thermal conductivity	cal/cm-sec-'C	1.5 X 10-3