



Material Composition Sheet

Product: GS1561SCFE3
 Package Type: LQFP-80 Pin
 Manufacturer: Gennum Corporation

Date: 11-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Die		16.28	Al	0.10	0.61	6143
			Si	16.18	99.38	993857
			Sub-total:	16.28	99.99	1000000
Die Attach	8340A	2.20	Ag	1.64	74.54	745455
			Aromatic Hydrocarb	0.04	1.81	18182
			Cu	0.04	1.81	18182
			Epoxy Resin	0.44	20.00	200000
			Gammabutyrlactate	0.04	1.81	18182
			Sub-total:	2.20	99.97	1000001
Lead Finish External		18.35	Sn	18.35	100.00	1000000
			Sub-total:	18.35	100.00	1000000
Lead Finish Internal		0.65	Ag	0.65	100.00	1000000
			Sub-total:	0.65	100.00	1000000
Leadframe	Olin 7025	155.10	Cu	149.21	96.20	962025
			Mg	0.23	0.14	1483
			Ni	4.65	2.99	29981
			Si	1.01	0.65	6512
				Sub-total:	155.10	99.98
Marking Ink	Teca 261	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	CEL9200THF	482.73	Aromatic Phosphate	7.24	1.49	14998
			Carbon Black	2.41	0.49	4992
			Epoxy Resin	26.55	5.49	55000
			Phenol	19.31	4.00	40002
			SiO2	427.22	88.50	885008
			Sub-total:	482.73	99.97	1000000
Wires	MGFL1-B	1.13	Au	1.13	100.00	1000000
				Sub-total:	1.13	100.00
Total:		676.45				

GENNUM CORPORATION

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