



Material Composition Sheet

Product: GS1560ACF
 Package Type: LQFP-80pin
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Die		16.10	Al	0.10	0.62	6211
			Si	16.00	99.37	993789
			Sub-total:	16.10	99.99	1000000
Die Attach	8361H	2.28	1,4butanediolglycidylether	0.14	6.14	61404
			Ag	1.71	75.00	750000
			Amine	0.18	7.89	78947
			Epoxy Resin	0.25	10.96	109649
			Sub-total:	2.28	99.99	1000000
Lead Finish External		19.91	Pb	2.99	15.01	150176
			Sn	16.92	84.98	849824
			Sub-total:	19.91	99.99	1000000
Lead Finish Internal		1.88	Ag	1.88	100.00	1000000
			Sub-total:	1.88	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	1000001
Marking Ink	Teca 261	0.01		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME 7320A	475.20	Antimony Trioxide	7.13	1.50	15004
			BrominatedEpoxyResin	7.13	1.50	15004
			Carbon Black	2.38	0.50	5008
			Epoxy Resin	35.64	7.50	75000
			Phenol Resin	35.64	7.50	75000
			Silica Fused	387.28	81.49	814983
			Sub-total:	475.20	99.99	999999
Wires	MGFL1-B	2.72	Au	2.72	100.00	1000000
			Sub-total:	2.72	100.00	1000000
Total:		673.20				

GENNUM CORPORATION

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