



Material Composition Sheet

Product: GS7025-CQM
 Package Type: MQFP-44pin (96/tray)
 Manufacturer: Gennum Corporation

Date: 11-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Die		4.70	Al	0.03	0.63	6383
			Si	4.67	99.36	993617
			Sub-total:	4.70	99.99	1000000
Die Attach	84-1 LMISR4	1.52	Ag	1.18	77.63	776316
			Aromatic Amine	0.10	6.57	65789
			Epoxy Resin	0.24	15.78	157895
			Sub-total:	1.52	99.98	1000000
Lead Finish External		3.23	Pb	0.65	20.12	201238
			Sn	2.58	79.87	798762
			Sub-total:	3.23	99.99	1000000
Lead Finish Internal		2.31	Ag	2.31	100.00	1000000
			Sub-total:	2.31	100.00	1000000
Leadframe	Olin 7025	166.98	Cu	157.56	94.35	943586
			Fe	0.33	0.19	1976
			Mg	0.29	0.17	1737
			Mn	0.17	0.10	1018
			Ni	5.34	3.19	31980
			Pb	0.08	0.04	479
			Si	1.21	0.72	7246
			Silver (Plating)	0.33	0.19	1976
			Zn	1.67	1.00	10001
						Sub-total:
Mold Compound	EME 7320	286.00	Antimony Trioxide	7.72	2.69	26993
			BrominatedEpoxyResin	5.72	2.00	20000
			Carbon Black	0.86	0.30	3007
			Epoxy Cresol Novolac	38.61	13.50	135000
			Phenol/Novolac resin	18.59	6.50	65000
			SiO2	214.50	75.00	750000
			Sub-total:	286.00	99.99	1000000
Wires		2.20	Au	2.20	100.00	1000000
			Sub-total:	2.20	100.00	1000000
Total:		466.94				

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