



Material Composition Sheet

Product: GS9002ACPME3
 Package Type: PLCC-44pin (28/tube)
 Manufacturer: Gennum Corporation

Date: 16-Jan-2007

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		9.99	Al	0.06	0.60	6006
			Si	9.93	99.39	993994
			Sub-total:	9.99	99.99	1000000
Die Attach	CRM1076R	2.31	Butyl Cellosolve Acetate	0.21	9.09	90909
			Epoxy Resin A	0.07	3.03	30303
			Epoxy Resin B	0.23	9.95	99567
			Phenolic Hardener	0.07	3.03	30303
			Silver	1.73	74.89	748918
			Sub-total:	2.31	99.99	1000000
External Lead Finish		11.55	Sn	11.55	100.00	1000000
			Sub-total:	11.55	100.00	1000000
Internal Lead Finish		1.66	Ag	1.66	100.00	1000000
			Sub-total:	1.66	100.00	1000000
Leadframe	Olin 151	599.20	Cu	598.57	99.89	998949
			Mn	0.03	0.00	50
			Zr	0.60	0.10	1001
			Sub-total:	599.20	99.99	1000000
Marking Ink	Wieder W238	0.15		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G600	1731.55	Carbon Black	5.19	0.29	2997
			Epoxy Cresol Novolac	34.63	1.99	19999
			Epoxy Resin	98.70	5.70	57001
			Phenol Resin	86.58	5.00	50001
			Silica Fused	1506.45	87.00	870001
Sub-total:	1731.55	99.98	999999			
Wires	SGA3	2.03	Au	2.03	100.00	1000000
			Sub-total:	2.03	100.00	1000000
Total:		2358.44				

GENNUM CORPORATION

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