



100% Material Declaration Data Sheet for 7 Series FGG484

PK610(v1.1) May 12, 2025

Average Weight : 2.2960 g

Component	Substance Description	CAS # or Description	% of component	Use in product	Component weight/ substance weight (in grams)	Component % of Total
Silicon Die	Silicon	7440-21-3	100.00		0.030618	1.334%
					0.005842	0.254%
Die Attach Material	Silver	7440-22-4	80.50		0.004703	
	Bismaleimide monomer	trade secret	7.50		0.000438	
	propanediy diacrylate	94108-97-1	3.00		0.000175	
	A mixture	trade secret	3.00		0.000175	
	Carbamate resin	trade secret	3.00		0.000175	
	Neopentyl glycol propoxylate diacrylate	84170-74-1	3.00		0.000175	
Mold Compound	Epoxy resin	trade secret	3.00		0.858703	37.400%
	bisoxirane	1675-54-3	3.00		0.025761	
	Phenol Resin	trade secret	3.00		0.025761	
	Silica(Amorphous) A	60676-86-0	72.45		0.622130	
	Silica(Amorphous) B	7631-86-9	15.00		0.128805	
	Metal Hydroxide	trade secret	3.00		0.025761	
	Carbon black	1333-86-4	0.55		0.004723	
Copper Wire					0.006083	0.265%
	Copper	7440-50-8	98.08		0.005966	
	Palladium	7440-05-3	1.80		0.000109	
Solder Ball					0.000007	
					0.404317	17.610%
	Tin	7440-31-5	96.50		0.390166	
	Silver	7440-22-4	3.00		0.012130	
Substrate	Copper	7440-50-8	0.50		0.002022	
					0.990437	43.138%
	Gold	7440-57-5	1.16		0.011469	
	Nickel	7440-02-0	7.12		0.070518	
	Copper Foil	7440-50-8	7.27		0.071968	
	Cu plating	7440-50-8	12.87		0.127502	
	Continuous Filament Fiber Glass	65997-17-3	18.10		0.179266	
	BT Core	trade secret	45.13		0.446992	
	Prepreg	trade secret	4.58		0.045403	
Solder mask	trade secret	3.77		0.037319		

Revision History

Date	Version	Description of Revisions
9/10/2013	1.0	Initial AMD Release.
5/12/2025	1.1	Updated substance description.

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