



Full Material Declaration (FMD) for SOT-23-3 Package Series

PN Type	Weight	UOM	Material Name	Material Weight	UOM	Identity	Substances	Name	CAS Number	Authority	Chemical Mass Product (mg)	UOM
SOT-23-3	1012.7	mg	Wafer	999.926	mg	Supplier	aluminium powder (stabilised)	aluminium powder (stabilised)	7429-90-5	CAS	2.37	mg
						Supplier	calcium	calcium	7440-70-2	CAS	0.012	mg
						Supplier	Red phosphorus	Red phosphorus	7723-14-0	CAS	0.039	mg
						Supplier	Silicon	Silicon	7440-21-3	CAS	996.4	mg
						Supplier	Titanium	Titanium	7440-32-6	CAS	0.403	mg
						Supplier	Biocidal coatings/biocidal additives	copper	7440-50-8	CAS	0.013	mg
						Supplier	Cobalt/cobalt compounds	cobalt	7440-48-4	CAS	0.016	mg
						Supplier	Tungsten/tungsten compounds	Tungsten	7440-33-7	CAS	0.673	mg
						Bonding Wire	0.1607	mg	Supplier	impurity	impurity	No CAS Reference
			Supplier	Gold/gold compounds	Gold				7440-57-5	CAS	0.159093	mg
			Die Attach Material	0.0908	mg	Supplier	Adhesion promoter	Adhesion promoter	No CAS Reference	Supplier	0.00227	mg
						Supplier	Allyl compound	Allyl compound	No CAS Reference	Supplier	0.01362	mg
						Supplier	cyclohexylidenebis[tert-butyl] peroxide	cyclohexylidenebis[tert-butyl] peroxide	3006-86-8	CAS	0.000454	mg
						Supplier	Diluent	Diluent	No CAS Reference	Supplier	0.005448	mg
						Supplier	Epoxy resin	Epoxy resin	No CAS Reference	Supplier	0.00908	mg
						Supplier	ethylene dimethacrylate	ethylene dimethacrylate	97-90-5	CAS	0.00908	mg
						Supplier	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	9003-36-5	CAS	0.005448	mg
						Supplier	Guanidine, N-cyano-	Guanidine, N-cyano-	461-58-5	CAS	0.000454	mg
						Supplier	Hardener	Hardener	No CAS Reference	Supplier	0.005448	mg
						Supplier	Silica A	Silica A	No CAS Reference	Supplier	0.003178	mg
			Lead Finish Plating	0.1196	mg	Supplier	Silica, crystalline (airborne particles of respirable size)	Silica	7631-86-9	CAS	0.03632	mg
						Supplier	impurity	impurity	No CAS Reference	Supplier	0.000012	mg
			Leadframe	1.407001	mg	Supplier	Tin/tin compounds	Tin	7440-31-5	CAS	0.119588	mg
						Supplier	Biocidal coatings / biocidal additives	Silver (Ag)	7440-22-4	CAS	0.005628	mg
						Supplier	Biocidal coatings/biocidal additives	copper	7440-50-8	CAS	1.391242	mg
						Supplier	Entry 75 - Substances in tattoo inks and permanent make up	Zinc	7440-66-6	CAS	0.003095	mg
						Supplier	Entry 75 - Substances in tattoo inks and permanent make up	chromium	7440-47-3	CAS	0.003518	mg
			Molding Compound	10.3998	mg	Supplier	Tin/tin compounds	Tin	7440-31-5	CAS	0.003518	mg
						Supplier	Bismuth	bismuth	7440-69-9	CAS	0.00416	mg
						Supplier	Carbon black	Carbon black	1333-86-4	CAS	0.051999	mg
						Supplier	Epoxy Resin	Epoxy Resin	No CAS Reference	Supplier	0.619828	mg
						Supplier	Formaldehyde, polymer with 2-(chloromethyl)oxirane and 2-methylphenol	Formaldehyde, polymer with 2-(chloromethyl)oxirane and 2-methylphenol	29690-82-2	CAS	0.259995	mg
						Supplier	Phenol Resin	Phenol Resin	No CAS Reference	Supplier	0.623988	mg
			Proprietary Data	0.0013773	mg	Supplier	Silica, vitreous	Silica, vitreous	60676-86-0	CAS	8.83983	mg
			Proprietary Data	0.0013773	mg	Supplier	Proprietary Data	- Proprietary Data	Proprietary Data	Supplier	0.0013773	mg
			Die	0.6189	mg	Supplier	Proprietary Data	- Proprietary Data	Proprietary Data	Supplier	0.0013773	mg
			Die	0.6189	mg	Supplier	Silicon	Silicon	7440-21-3	CAS	0.6189	mg