

Material Declaration Form

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ams AG
Tobelbader Strasse 30
A-8141 Premstaetten, Austria
Tel +43 (0) 3136 500-0



Ordering Code	Package Family	Assembly Material Number	Lead Count	Weight (mg)	Manufacturing Country	Halogen Free	EU RoHS	China RoHS	Release Status	Version
TSL25723FN	ODFN	300170017	6	30.68	Thailand	YES	YES	YES		1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)			
Adhesive	0.07	Ag	Silver	85.00	7440-22-4	0.05950	0.19394	1939			
			Epoxy Resin	15.00	25928-94-3	0.01050	0.03422	342			
			Subtotal:	100.00		0.07000	0.22816	2282			
Substrate	7.84	SiO2	Silica Fused	50.00	60676-86-0	0.16000	0.52151	5215			
			Acrylic polymer	5.00	37325-11-4	0.01600	0.05215	522			
			Bismaleimide	35.00	13676-54-5	0.11200	0.36506	3651			
			Epoxy Resin	10.00	25928-94-3	0.03200	0.10430	1043			
			Subtotal:	100.00		0.32000	1.04302	10430			
Wire	0.04	Au	Gold	100.00	7440-57-5	0.04000	0.13038	1304			
			Subtotal:	100.00		0.04000	0.13038	1304			
			IC	0.54	Si	Silicon	100.00	7440-21-3	0.54000	1.76010	17601
						Subtotal:	100.00		0.54000	1.76010	17601
						LED Die (850nm)	0.05	As	Arsenic	51.80	7440-38-2
Ga	48.20	7440-55-3	0.02410	0.07855	786						
Subtotal:	100.00		0.05000	0.16297	1630						

The information provided in this statement represents ams AG knowledge and belief as of the date that it is provided. ams AG bases its knowledge and belief on information provided by third parties, and makes no representation or warranty as to the accuracy and shall have no liability for the consequences of use of such information. ams AG has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. ams AG and its suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Moldcompound	3.12		2,6-Ditert.butyl-4-Methyl	1.00	128-37-0	0.03120	0.10169	1017
			Epoxy Resin	99.00	25068-38-6	3.08880	10.06780	100678
Subtotal:				100.00		3.12000	10.16949	101695
Shield Cover	18.61	Cr	Chromium	18.00	7440-47-3	3.34980	10.91851	109185
		Cu	Copper	0.48	7440-50-8	0.08933	0.29116	2912
		Fe	Iron	70.77	7439-89-6	13.17030	42.92796	429280
		Mn	Manganese	1.11	7439-96-5	0.20657	0.67331	6733
		Ni	Nickel	8.00	7440-02-0	1.48880	4.85267	48527
		Si	Silicon	0.48	7440-21-3	0.08933	0.29116	2912
			2-Butoxyethanol	0.01	111-76-2	0.00186	0.00607	61
			bis Methane	0.02	143-29-3	0.00372	0.01213	121
			Carbon Black	0.08	1333-86-4	0.01489	0.04853	485
			Dibutyltin oxide	0.10	818-08-6	0.01861	0.06066	607
			Kaolin	0.08	1332-58-7	0.01489	0.04853	485
			Propanoic acid	0.58	68324-30-1	0.10794	0.35182	3518
	Silica gel	0.29	112926-00-8	0.05397	0.17591	1759		
Subtotal:				100.00		18.61000	60.65841	606584

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Shield Attach Adhesive	0.09	SiO2	Silica	10.00	7631-86-9	0.00900	0.02934	293
			4,4-Isopropylidenediphenol	62.00	25068-38-6	0.05580	0.18188	1819
			Carbon Black	1.00	1333-86-4	0.00090	0.00293	29
			Phenol/formaldehyde/epichloronhydrin copolymer	27.00	9003-36-5	0.02430	0.07920	792
			Subtotal:	100.00		0.09000	0.29335	2934
Total:	30.68					30.68	100.00000	1000000

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