

CONSTITUTION MATERIALS LIST

Product	LED
Series	SMLP36RGB2W3
Mass (mg)	0.466762

The RoHS directive,REACH regulation,and other laws and regulations related to the management of environmentally hazardous substances come into effect. When developing products,the global environmental load must be considered. ROHM pursues green procurement and endeavors to increase the detection accuracy of chemicals contained in parts and procured materials while at the same time placing great importance on the internal chemical management system that was built to ensure that no prohibited substances are procured,used,or shipped in order to provide a steady supply of worry-free products.

OThis item is in compliance with RoHS.

OPb free

	製品本体 Product		部位重量	I			含有量	含有率(%)	含有率(%)
Nº		構成材料 Material Name		物質名 Substance Name		CAS №	Content Weight (mg)	〈/.製品重量〉 Content per Product Weight	〈/構成材料〉 Content per Part Weight
1	基板	基材	0.203222	エポキシ樹脂	Epoxy Resin	-	0.003200	0.6856	1.5746
	Substrate	Substrate Material		ガラスクロス	Glass Cloth	-	0.002800	0.5999	1.3778
		端子処理		銅	Copper(Cu)	7440-50-8	0.172000	36.8496	84.636
		Electrode		クロム及び3価クロム化合物	Chromium Chemical Compound	1	0.000004	0.0009	0.002
				ニッケル	Nickel(Ni)	7440-02-0	0.019200	4.1134	9.447
				亜鉛	Zinc(Zn)	7440-66-6	0.000200	0.0428	0.098
				砒素	Arsenic(As)	7440-38-2	0.000018	0.0039	0.008
				金	Gold(Au)	7440-57-5	0.004200	0.8998	2.066
		レジスト		エポキシ樹脂	Epoxy Resin	-	0.000800	0.1714	0.393
		Resist Ink		着色顔料	Dye	-	0.000800	0.1714	0.393
2	ダイボンディング材		0.100000	銀	Silver(Ag)	7440-22-4	0.075000	16.0681	75.000
	Die-Bonding Paste			ビスフェノールA型エポキシ樹脂	Bisphenol A Epoxy Resin	9003-36-5	0.015000	3.2136	15.000
				硬化剤	Harden Material	1	0.009500	2.0353	9.500
				溶剤	Melting Material	461-58-5	0.000500	0.1071	0.500
3	ドンディングワイヤー Bonding wire		0.018000	金	Gold(Au)	7440-57-5	0.018000	3.8564	100.000
4	封止樹脂		0.124000	ピスフェノールAシ゚クリシジルエーテル	Bisphenol A diglycidyl ether(BADGE	25068-38-6	0.078000	16.7109	62.903
	Resin			フタル酸系無水物	Phthalic Anhydride	85-43-8	0.036000	7.7127	29.032
				その他	Other	1	0.010000	2.1424	8.064
5	LED素子		0.008520	炭化シリコン	Silicon carbide(SiC)	409-21-2	0.008300	1.7782	97.417
	LED Die			金	Gold(Au)	7440-57-5	0.000020	0.0043	0.234
				その他	others	-	0.000200	0.0428	2.347
5	LED素子		0.008520	炭化シリコン	Silicon carbide(SiC)	409-21-2	0.008300	1.7782	97.417
	LED Die			金	Gold(Au)	7440-57-5	0.000020	0.0043	0.234
				その他	others	-	0.000200	0.0428	2.347
5	LED素子		0.004500	ガリウム	Gallium(Ga)	7440-55-3	0.002600	0.5570	57.777
	LED Die			砒素	Arsenic(As)	7440-38-2	0.001730	0.3706	38.444
				インジウム	Indium(In)	7440-74-6	0.000030	0.0064	0.666
				アルミニウム	Aluminum(Al)	7429-90-5	0.000010	0.0021	0.222
				リン	Phosphorus(P)	7723-14-0	0.000030	0.0064	0.666
				金	Gold(Au)	7440-57-5	0.000060	0.0129	1.333
				その他	others	-	0.000040	0.0086	0.888
			ı		Total		0.466762	100.0000	

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