Product	LED			
Series	SMLVN6RGBxU1			
Mass (mg)	12.937030			

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.

	製品本体 Product								
Nº	構成	構成材料 Material Name 部位重量 Part Weight (mg)		物質名 Substance Name		CAS №	含有量 Content Weight (mg)	含有率(%) ⟨/.製品重量⟩ Content per Product Weight	含有率(%) 〈/ 構成材料〉 Content per Part Weight
1	インサートフレーム	樹脂	12.000000	ポリフタルアミド	Poly phthalate Amide	25776-72-1	0.9590000	7.4128	7.9917
	Insert Flame	Resin		ワラストナイト	Wollastonite	13983-17-0	0.2790000	2.1566	2.3250
				酸化チタン	Titanium oxide (TiO2)	13463-67-7	0.2980000	2.3035	2.4833
		母材		銅	Copper(Cu)	7440-50-8	9.9270000	76.7332	82.7250
		Parent metal		鉄	Iron(Fe)	7439-89-6	0.1690000	1.3063	1.4083
				リン	Phosphorus(P)	7723-14-0	0.0090000	0.0696	0.0750
				銀	Silver(Ag)	7440-22-4	0.3590000	2.7750	2.9917
2	ダイボンディング材		0.330000	銀	Silver(Ag)	7440-22-4	0.267300	2.0662	81.0000
	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	0.039600	0.3061	12.0000
				その他	Other	-	0.023100	0.1786	7.0000
3	ダイボンディング材		0.050000	エポキシ樹脂	Epoxy Resin	-	0.025000	0.1932	50.0000
	Die-Bonding Paste	9		シリコーン樹脂	Silicone Resin	-	0.025000	0.1932	50.0000
4	ホンティングワイヤー Bonding wire		0.100000	金	Gold(Au)	7440-57-5	0.100000	0.7730	100.0000
5	Resin		0.280000	ジメチルポリシロキサン	Dimethylpolysiloxane	63148-62-9	0.280000	2.1643	100.0000
6	. 拡散材 Diffuser		0.002000	シリカカ^ラス	Dioxosilane	87347-84-0	0.002000	0.0155	100.0000
7	7 LED素子		0.100000	サファイア	Sapphire(Al2O3)	1344-28-1	0.097273	0.7519	97.2727
	LED Die			金	Gold(Au)	7440-57-5	0.000273	0.0021	0.2727
				その他	Other	-	0.002455	0.0190	2.4545
8	LED素子		0.074700	ガリウム	Gallium(Ga)	7440-55-3	0.003500	0.0271	4.6854
	LED Die			砒素	Arsenic(As)	7440-38-2	0.002300	0.0178	3.0790
				インジウム	Indium(In)	7440-74-6	0.000400	0.0031	0.5355
				アルミニウム	Aluminum(Al)	7429-90-5	0.000200	0.0015	0.2677
				リン	Phosphorus(P)	7723-14-0	0.000400	0.0031	0.5355
				金	Gold(Au)	7440-57-5	0.000500	0.0039	0.6693
				シリコン	Silicone(Si)	7440-21-3	0.064600	0.4993	86.4793
				銀	Silver(Ag)	7440-22-4	0.002600	0.0201	3.4806
				その他	Other	-	0.000200	0.0015	0.2677
9	Di素子		0.000330	シリコン	Silicone(Si)	7440-21-3	0.000020	0.0002	6.0606
	Di Die			金	Gold(Au)	7440-57-5	0.000040	0.0003	12.1212
				その他	others	-	0.000270	0.0021	81.8182
					Total	-	12.937030	100.0000	

OThis item is in compliance with RoHS.

OPb free

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• This information provides estimates of the average weights and content of component materials. and does not include impurities or metals diffused in the silicon.

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