



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BGT 24LTR11N16 E6327	<b>Issued</b>	06. May 2021
<b>MA#</b>	MA001398694		
<b>Package</b>	PG-TSNP-16-9	<b>Weight*</b>	11.88 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.838	7.05	7.05	70531	70531
leadframe	non noble metal	zinc	7440-66-6	0.007	0.06		623	
	non noble metal	tin	7440-31-5	0.009	0.08		778	
	non noble metal	chromium	7440-47-3	0.011	0.09		934	
	non noble metal	copper	7440-50-8	3.669	30.89	31.12	308949	311284
wire	noble metal	gold	7440-57-5	0.083	0.70	0.70	7009	7009
encapsulation	organic material	carbon black	1333-86-4	0.033	0.27		2738	
	inorganic material	zinc oxide	1314-13-2	0.065	0.55		5476	
	miscellaneous	miscellaneous	-	0.098	0.82		8214	
	plastics	epoxy resin	-	0.715	6.02		60233	
	inorganic material	silicondioxide	60676-86-0	5.593	47.10	54.76	470912	547573
leadfinish	non noble metal	tin	7440-31-5	0.234	1.97	1.97	19665	19665
plating	noble metal	silver	7440-22-4	0.172	1.45	1.45	14497	14497
glue	plastics	epoxy resin	-	0.070	0.59		5888	
	noble metal	silver	7440-22-4	0.280	2.36	2.95	23553	29441
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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