



Material Content Data Sheet

Umbrella Spec	62mm C- Serie		
Date	2016-12-13	**RoHS compliant**	Yes
Revision	3.1		

Construction element	***Material group***	***Materials***	***CAS-Nr.*** *if applicable*	***Average mass [%]****	***Sum [%]***	***Traces***	***Comment***
chip	inorganic material	silicon	7440-21-3	0,1	0,1		
Base plate and substrate including metallisation	non noble metal	copper	7440-50-8	56,6	60,8		
	inorganic material	aluminium oxid	1344-28-1	1,4			
	non noble metal	tin	7440-31-5	2,7			
	noble metal	silver	7440-22-4	0,1			
	non noble metal	nickel	7440-02-0	0,1			
wire	non noble metal	aluminium	7429-90-5	0,6	0,6		
encapsulation	polymers	silicone gel		11,4	11,4		
housing	polymers	PBT		8,3	14,6		
	inorganic material	antimonytrioxide	1309-64-4	0,9			
	plastics	brominated resin		0,6			
	plastics	chlorinated resin		0,4			
	inorganic material	silicondioxide / glasfiber		4,4			
lead, finish and plating	non noble metal	copper	7440-50-8	9,4	12,5		
	ferrous metal	steel		3,0			
	non noble metal	tin	7440-31-5	0,1			
	non noble metal	zinc	7440-66-6	0,0		X	
	noble metal	silver	7440-22-4	0,0		X	
	non noble metal	nickel	7440-02-0	0,0		X	
	non noble metal	aluminium	7429-90-5	0,0		X	
deviation	<25%			Sum in total	100,00		

Weight range of product	**337 g**
Fluctuation margin	<25%

*) related to component weight
**) Weight of particular product, see technical product information

Important Remarks:

1) This document provides full declaration of all materials present in Infineon products above a threshold of 0,1 % b.w. (1000 ppm).
2) Trace concentrations (i.e. < 0,1 % b.w) present in products are marked with an "X" as far as they represent substances-of-concern.
A list of substances-of-concern can be found at http://www.infineon.com/soc.
3) All statements are based on our present knowledge and are subject to change at any time due to technical requirements and development.

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