



## Material Content Data Sheet

<b>Umbrella Spec</b>	PP3 PrimePACK3™						
<b>Date</b>	2014-03-25				<b>RoHS compliant</b>	YES	
<b>Revision</b>	5.0						
<b>Construction element</b>	<b>Material group</b>	<b>Materials</b>	<b>CAS-Nr. if applicable</b>	<b>Average mass [%]*</b>	<b>Sum [%]</b>	<b>Traces</b>	<b>Comment</b>
chip	inorganic material	silicon	7440-21-3	0,6	0,6		
Base plate and substrate including metallisation	non noble metal	copper	7440-50-8	50,5	55,2		
	inorganic material	aluminium oxide	1344-28-1	1,6			
	non noble metal	tin	7440-31-5	2,9			
	non noble metal	nickel	7440-02-0			X	
	noble metal	silver	7440-22-4			X	
wire	non noble metal	aluminium	7429-90-5	0,2			
encapsulation	polymers	silicone gel		10,5	10,5		
housing	polymers	Polyamid (PA)		10,5	17,7		classifications: NF F16-101 fire & smoke: I2 / F4 CEN/TS 45545: R25: HL3 R24: HL1 R23:-
	inorganic material	antimonypentoxide	1314-60-9	0,7			
	plastics	brominated resin		0,3			
	plastics	chlorinated resin				X	
lead, finish and plating	inorganic material	silicondioxide / glasfiber		6,2			
	non noble metal	copper	7440-50-8	11,9	16,0		
	ferrous metal	steel	11121-90-7	4,1			
	non noble metal	zinc	7440-66-6			X	
	non noble metal	nickel	7440-02-0			X	
smd (including thermistors, resistors and shunts)	inorganic material	lead oxide	1317-36-8	0,004	0,004		RoHS compliant
	non noble metal	copper	7440-50-8			X	
	non noble metal	tin	7440-31-5			X	
	noble metal	silver	7440-22-4			X	
deviation	<25%			Sum in total	100,0		

Weight range of product	<b>1240 g</b>
Fluctuation margin	<25%

\*) related to component weight

\*\*) Weight of particular product, see technical product information

<b>Important Remarks:</b>
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 <a href="http://www.infineon.com/soc">http://www.infineon.com/soc</a> .
3) All statements are based on our present knowledge and are subject to change at any time due to technical requirements and development.

Company	Infineon Technologies
Address	81726 München
Internet	<a href="http://www.infineon.com">www.infineon.com</a>