



Material Content Data Sheet

Umbrella Spec	XHP 6.5kVandB5						
Date	2020-02-05			RoHS compliant		YES	
Revision	1.0						
Construction element	Material group	Materials	CAS-Nr. if applicable	Average mass [%]*	Sum [%]	Traces	Comment
chip	inorganic material	silicon	7440-21-3	0,5	0,5		
Base plate and substrate including metallisation	inorganic material	silicon carbide	409-21-2	14,4	37,3		
	non noble metal	aluminum	7429-90-5	8,4			
	inorganic material	aluminum nitride		4,5			
	non noble metal	copper	7440-50-8	5,7			
	non noble metal	tin	7440-31-5	2,9			
	non noble metal	nickel	7440-02-0	0,8			
	noble metal	silver	7440-22-4	0,1			
	non noble metal	lead	7439-92-1	0,4			RoHS compliant; according to exception 7a.
	polymers	acrylic compounds				X	
wire	non noble metal	aluminum	7429-90-5	0,2			
encapsulation	polymers	silicone gel		20,8	20,8		
housing							Containing no halogenated compounds or diantimony trioxide classifications: DIN EN 45545: R24: HL3 R23: HL3 R22: HL3
	polymers	polyamid (PA)		15,6	22,7		
	inorganic material	magnesium hydroxide		0,1			
	inorganic material	phosphorus		0,2			
	inorganic material	silicondioxide / glasfiber		6,7			
	arcylic compound	PET				X	
	organic material	paper				X	
lead, finish and plating	non noble metal	copper	7440-50-8	11,4	18,7		
	ferrous metal	steel	11121-90-7	5,9			
	non noble metal	brass (CuSn8)		1,4			
	non noble metal	zinc	7440-66-6			X	
	non noble metal	nickel	7440-02-0			X	
	polymers	polyamidomide				X	
deviation	<25%			Sum in total	100,0		

Weight range of product family **	676 g
Fluctuation margin	<25%

*) related to component weight

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

Important Remarks:
<p>1) This document provides full declaration of all materials present in Infineon products above a threshold of 0,1 % b.w. (1000 ppm).</p> <p>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.</p> <p>A list of substances-of-concern can be found at http://www.infineon.com/soc.</p> <p>3) All statements are based on our present knowledge and are subject to change at any time due to technical requirements and development.</p> <p>4) Infineon products are not classified as "hazardous substances" according to the definition in the EU Directive 67/548/EC and do therefore not require Material Safety Data Sheets.</p>

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