


MKK film capacitors

Material Data Sheet

Product Class	Film capacitors B25673X (*1)	
Date	26.09.2011	
IMDS ID if available	N.A.	
Version	5.01 (07/2011)	

Product part (IMDS: semi component)	Material Class (IMDS: Material)	Material (Classification) VDA 231	Substance	TMPS**) [wt%]	CAS if applicable	typical mass of material [wt-%]	Traces see 1)
Active Part	Polymer material	2A	PP	100	9003-07-00	46.01	
	Heavy metal	1C	Zn	94	7440-66-6	0.83	
	Light metal	1B	Al	6	7429-90-5	0.05	
	Heavy metal	1C	Zn	100	7440-66-6	4.99	
	Light metal / Polymer material	1B / 2A	Al / Polyamide	100 / 100	7429-90-5 / 628-02-4	0.95 / 1.98	
	Polymer material	2A	Polyester	99	25038-59-9	2.74	
	Light metal	1B	Silicon	1	7440-21-3	0.03	
Encapsulation	Light metal	1B	Al	100	7429-90-5	9.57	
	Polymer material	2A	Polyamide	100	628-02-4	3.91	
	Polymer material	2D	Polyurethane resin	100	9009-54-5	22.26	
Termination	Light metal	1B	Al	97	7429-90-5	1.18	
	Light metal	1B	Mg	3	7439-95-4	0.03	
	Heavy metal	1C	Cu	100	7440-50-8	2.30	
	Polymer material	2A	Polyamide	100	628-02-4	2.01	
	Heavy metal	1C	Sn	60	7440-31-5	0.21	
	Heavy metal	1C	Pb	40	7439-92-1	0.14	
	Organic solid	4B	Adhesives and sealers	100	---	0.70	
	Metallic material	1A	Steel	100	7439-89-6	1.76	
Mounting parts	Metallic material	1A	Steel	100	7439-89-6	0.32	
Sum in total:						100	

sizes [.....]	weight range [..]	part numbers	weight range [..]	sizes [.....]	part numbers	sizes [.....]	weight range [..]	part numbers
Not part of a Product Class								
Contact	Sanjay Modi			Important remarks: 1. The declaration limit is 0.1% as defined by IEC PAS 61906. Traces are product parts, substances etc. that are below a percentage of 0.1 % by weight, if not otherwise regulated. 2. This Material Data Sheet contains typical values of the respective products set forth herein. We expressly point out that all values and statements contained herein are based on our best present knowledge and cannot be regarded as binding statements or binding product specifications, unless otherwise explicitly agreed in writing. EPCOS AG AND ITS AFFILIATES HEREBY EXPRESSLY DISCLAIM ANY REPRESENTATION OR WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, WITH REGARD TO THE STATEMENTS AND VALUES CONTAINED HEREIN, INCLUDING BUT NOT LIMITED TO ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PURPOSE.				
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*) others: (not declarable or prohibited substances acc. GADSL)								
**) typical mass percentage of substance								
<p>The products set forth herein are NOT RoHS-compatible. RoHS-compatible means that products are compatible with the requirements according to Art. 4 (substance restrictions) of Directive 2011/65/EU of the European Parliament and of the Council of June 8th, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.</p>								