


MKP Film Capacitors

Material Data Sheet

Product Class	B32344 series	
Date	29/09/2011	
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	Heavy Metal	1C	Zinc	94	7440-66-6	3,5	
	Light Metal	1B	Aluminum	6	7429-90-5	1,3	
	Thermoplastic	2A	Polypropylene	100	9003-07-0	30,5	
			others*):	2			
Encapsulation	Thermoplastic	2A	PA66	100	32131-17-2	4,05	
	Thermoplastic	2A	PBT	100	26062-94-2	4,95	
	Thermoplastic	2A	PP	100	9003-07-0	1,65	
	Duromer	2C	Polyurethane resin	100	9009-54-5	34,62	
	Light Metal	1B	Aluminum	100	7429-90-5	10,95	
	Paper, Cardboard	6D	Cellulose	100	9004-34-6	0,46	
	Elastomer	2B	Silicon	100	7440-21-3	0,15	
	Inorganic Solid	5A	Ceramics	100	-	0,90	
	Heavy Metals	1C	Brass	100	7440-31-5	0,3	
Termination	Heavy Metal	1C	Cooper	100	7440-50-8	4,12	Ni, Zn
	Iron and Steel	1A	Steel	92	7439-89-6	2,26	
	Heavy Metal	1C	Tin	8	7440-31-5	0,3	
Sum in total:						100	

sizes [.....]	weight range [.....]	part numbers	weight range [.....]	sizes [.....]	part numbers	sizes [.....]	weight range [.....]	part numbers
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Not part of a Product Class	
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*) others: (not declarable or prohibited substances acc. GADSL)	
**) typical mass percentage of substance	
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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