


MKP Film Capacitors

Material Data Sheet

Product Class	B32340_343 series	
Date	2011-09-29	
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	98	7440-66-6	3,36	
	Thermoplastic	2A	Polypropylene	100	9003-07-0	32,68	
			others*):	2			
Encapsulation	Thermoplastic	2A	PA66	100	32131-17-2	2,09	
	Thermoplastic	2A	PBT	100	26062-94-2	4,96	
	Thermoplastic	2A	PP	100	9003-07-0	0,62	
	Duromer	2C	Polyurethane resin	100	9009-54-5	34,62	
	Elastomer	2B	EPDM Rubber	100	25038-36-2	1,0	
	Light Metal	1B	Aluminum	100	7429-90-5	9,37	
	Paper, Cardboard	6D	Cellulose	100	9004-34-6	0,46	
Termination	Heavy Metals	1C	Copper	100	7440-50-8	1,99	
	Heavy Metals	1C	Brass	92	86376-49-0	8,55	
	Heavy Metals	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
63.5 x 68	0.30 ... 0.35							
63.5 x 105	0.30 ... 0.45							
63.5 x 142	0.40 ... 0.60							

Not part of a Product Class

Contact	Gabriela Ribeiro	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		

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.