

Aluminium Electrolytic Capacitor

Material Data Sheet

Product Class	3-pin capacitors	Remark: This material datasheet is valid for the part numbers contained in the Data Book 2019. In case of special (B4****S****) or obsolete capacitors please contact our sales department	
Date	29.08.2019		
IMDS ID if available			
Version	05	u o u	

Product Part (IMDS: semi component)	Material Class (IMDS: Material)	Material (Classificatio n) VDA 231	Substance	TMPS**) [wt%]	CAS if applicable	typical mass of material [wt-%]	Traces see 1)
Active Part	Light Metals	1B	Aluminium	100	7429-90-5	45,5	
	Acids, Bases, Salts	6F	Gamma-butyrolactone	80	96-48-0	25,0	
	Acids, Bases, Salts	6F	Others*)	20	-		
	Thermoplastics	2A	Polypropylene	100	9003-07-0	0,1	
	Paper, Cardboard	5C	Cellulose	100	9004-34-6	11,9	
Encapsulation	Light Metals	1B	Aluminium	100	7429-90-5	10,0	
	Paper, Cardboard	5C	Cellulose	56	9004-34-6	2.0	
	Duromer	2D	Phenolic plastic	44	-	2,0	
	Elastomer	2B	EPDM rubber	41,5	25038-36-2		
	Inorganic, solid	4A	Silicon dioxide	13	7631-86-9		
	Inorganic, solid	4A	Kaolinite	28,5	1318-74-7	0,9	
	Lubricant	6B	Paraffin	10,5	8012-95-1		
	-	-	Others *)	6,5	-		
	Thermoplastics	2A	PTFE	100	9002-84-0	0,1	
	Thermoplastics	2A	Polyvinyl chloride or Polyethylene terephthalate or without insulation	90	9002-86-2 25038-59-9 -	3,0	
			Others *)	10			
Termination	Heavy Metals	1C	Copper (E-Cu58)	100	7440-50-8	1,5	
	Heavy Metals	1C	Tin	100	7440-31-5	<0,1	

sizes D x L [mm]	weight range [g]	sizes D x L [mm]	weight range [g]	sizes D x L [mm]	weight range [g]	-	part numbers
18,5 x 30	9	22,5 x 30,5	12	25,5 x 30	17		B41538
18,5 x 40	12			25,5 x 40	23		

Not Part of a Product Class

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 $[\]ensuremath{^{\star}}\xspace)$ others: .(not declarable or prohibited substances acc. GADSL)

Important remarks:

 The declaration limit is 0.1% as defined by IEC 62474 (IEC PAS 61906). Traces are product parts, substances etc. that are below a percentage of 0.1 % by weight, if not otherwise regulated.

Sum in total:

otherwise regulated.

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^{**)} typical mass percentage of substance



☐ Other Exemption than above