



**Material data declaration / Umbrella specification / IC**

Product	Product name/ family name	Aluminium Electrolytic Capacitor / Radial (EKM, EKMU, EKSU, EKL, EKLM, EKR, ERF, ERH, ERL, ERY)	Content of the declaration	Composition declaration
	Identifier	radial / 5,5 x 12,0 (Diameter x L [mm])	Version IEC Database	n.A.
	Package			

Company	Company	FROLYT Kondensatoren und Bauelemente GmbH	Date / Version	12.08.2019 / 1.2
	Contact	D-09599 Freiberg, Dammstraße 46 <a href="mailto:info@frolyt.de">mailto:info@frolyt.de</a>	Mass	470
	Authorizer	S. Müller, <a href="mailto:susann.mueller@frolyt.de">susann.mueller@frolyt.de</a>	Unit	mg

Item / SubItem Name	ProductPart	Weight [mg]	Material name	Classification	Weight [mg]	Mass Percent	Substance Name	CAS #	Weight [mg]	Mass Percent
Aluminium Electrolytic Capacitor radial	Active Part	227,48	Al-foil		118,91	25,3	Aluminium	7429-90-5	118,91	100
			Electrolyt		83,66	17,8	Ethylene Glycol	25322-68-3	8,37	10
							Gamma-Butyrolacton	96-48-0	62,74	75
							various additives (proprietary)		12,55	15
	Encapsulation	196,46	Al-case (coated)		8,44	21,1	Aluminium	7429-90-5	8,44	100
			Rubber shrinkable tube		76,61	16,3	IIR (Butyl rubber)		76,61	100
					20,68	4,4	PET		20,68	100
	Termination	46,06	Fe (Sn coated) wire		46,06	9,8	Iron	7439-89-6	46,06	100

Legal evaluation	RoHS	The product fulfill the substance requirement
	REACH	The product does not contain substances named in Annex XVII and the candidate list of REACH above the reportable or restricted threshold values
	Biocide regulation (528/2012/EU)	The product does not contain substances which have been added to achieve biocidal function
Comment	<p>This material content declaration contains typical values of the respective groups as defined above. We expressly point out, that the values and statements contained herein are based on our best present knowledge and cannot be regarded as binding elements or binding product specifications, unless otherwise explicitly agreed in writing.</p> <p>This full material declaration is based on information provided by third parties and reasonable steps have been taken to provide representative and accurate information.</p> <p>The suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available.</p> <p>all statements are based on our best present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development.</p>	

Umbrella Specification (composition could be used also for the following parts)	
Identifier (Diameter x L [mm])	Weight [mg]
6,8 x 12,5	680
8,7 x 12,7	1100
10,0 x 12,7	1500
10,0 x 16,5	1800
10,0 x 21,0	2200
12,5 x 21,0	3500
12,5 x 25,0	4200
12,5 x 30,0	5300
16,5 x 22,0	8000
16,5 x 26,0	8500
16,5 x 30,0	9000
16,5 x 36,5	10800
18,0 x 30,0	12500
18,0 x 36,5	15300