

Material Content Data Sheet

RoHS

Sales Product Name	FZ35R12ST4_H18_A	**Issued**	28.04.2026
SP#	SP006080590	**Revision**	01
Package	EasyPACK S	**Weight***	10 g

Construction element	*Material group*	*CAS-Nr. if applicable*	*Materials*	*Average mass [%]**	*Sum [%]*	*Comment*
semiconductors	inorganic material	7440-21-3	silicon	0,339%	0,387%	
	non noble metal	7429-90-5	aluminum	0,017%		
	non noble metal	7440-02-0	nickel	0,016%		
	inorganic material	-	other	0,015%		no duty of declaration
substrate	non noble metal	7440-50-8	copper	31,005%	42,690%	
	inorganic material	1344-28-1	aluminum oxide	11,283%		
	inorganic material	60676-86-0	silica, vitreous	0,266%		
	inorganic material	1309-48-4	magnesium-oxide	0,058%		
	inorganic material	1305-78-8	calcium-oxide	0,058%		
	inorganic material	-	other	0,019%		no duty of declaration
bond wire	non noble metal	7429-90-5	aluminum	0,257%	0,258%	
	inorganic material	-	other	0,001%		no duty of declaration
silicone compounds	polymers	-	silicone-rubber VMQ	7,658%	8,042%	
	inorganic material	112945-52-5	amorphous, pyrogenetic silica	0,271%		
	inorganic material	-	further additives	0,113%		no duty of declaration
housing and clips	inorganic material	1309-42-8	magnesium hydroxide	11,191%	40,095%	
	polymers	-	PPS-I	10,801%		
	inorganic material	-	glass fiber	9,592%		
	non noble metal	7439-89-6	iron	5,820%		
	non noble metal	7440-47-3	chrome	1,421%		
	non noble metal	7440-02-0	nickel	0,629%		
	inorganic material	-	further additives	0,160%		no duty of declaration
	inorganic material	-	pigment portion, not to declare	0,160%		
	inorganic material	7440-21-3	silicon	0,081%		
	non noble metal	7439-96-5	manganese	0,081%		
	non noble metal	7440-50-8	copper	0,041%		
	polymers	90498-90-1	3,9-bis(2-(3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionyloxy-1,1-dimethylethyl)-2,4,8,10-	0,035%		
	polymers	80693-00-1	2,4,8,10-Tetraoxa-3,9-diphosphaspiro(5.5)undecane, 3,9-bis(2,6-bis(1,1-dimethylethyl)-4-methylphenoxy)-	0,035%		
	non noble metal	7439-98-7	molybdenum	0,032%		
	inorganic material	7440-44-0	carbon	0,007%		
	inorganic material	7727-37-9	nitrogen	0,004%		
	inorganic material	7723-14-0	phosphor	0,002%		
	inorganic material	7704-34-9	sulfur	0,001%		
control pins/rivets	non noble metal	7440-50-8	copper	6,666%	6,823%	
	non noble metal	7440-31-5	tin	0,070%		
	non noble metal	7440-02-0	nickel	0,038%		
	non noble metal	7440-47-3	chrome	0,023%		
	noble metal	7440-22-4	silver	0,008%		
	inorganic material	-	other	0,006%		no duty of declaration
	non noble metal	7439-89-6	iron	0,006%		
	non noble metal	7440-32-6	titan	0,004%		
	inorganic material	7440-21-3	silicon	0,003%		
	inorganic material	7723-14-0	phosphor	0,001%		
	non noble metal	7439-92-1	lead	<0,001%		Concentration within acceptable GADSL limits
SMD components	non noble metal	7439-89-6	iron	0,094%	0,387%	
	non noble metal	7440-02-0	nickel	0,090%		
	inorganic material	1317-36-8	lead monoxide	0,089%		RoHS compliant; according to exception 7(c)-I
	inorganic material	14808-60-7	silica	0,053%		
	non noble metal	7440-50-8	copper	0,043%		
	inorganic material	12136-45-7	dipotassium oxid	0,008%		
	non noble metal	7440-31-5	tin	0,005%		
	inorganic material	-	other	0,003%		no duty of declaration
	inorganic material	1309-64-4	antimonious trioxide	0,001%		
	inorganic material	1313-99-1	nickel monoxide	0,001%		
	inorganic material	1317-35-7	trimanganese tetraoxide	0,001%		
	inorganic material	1308-06-1	tricobalt tetraoxide	0,001%		
	noble metal	7440-57-5	gold	0,000%		
tin solder	non noble metal	7440-31-5	tin	1,247%	1,318%	
	non noble metal	7440-36-0	antimony	0,061%		
	inorganic material	-	other	0,009%		no duty of declaration
*deviation	<5%			Sum in total:	100%	

Important Remarks:

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This product is in compliance with End-of-Life Vehicle (ELV) Directive 2000/53/EG and the ELV Annex II (2016/774/EU) and contains Pb according ELV Annex II (2016/774/EU) exemption 10(a), Electrical and electronic components which contain lead in a glass or ceramic, in a glass or ceramic matrix compound, in a glass ceramic material, or in a glass-ceramic matrix compound.

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