

Material data sheet

Product group:	(Mn,Zn)–Ferrite Cores (Epoxy coated)
Product types:	Toroids

Part	Group	Material	CAS # (if applicable)	Weight %	Remarks
Ferrite	Ceramics	(Mn,Zn)-Fe ₂ O ₃	12645-49-7	95 - 99	-
Coating	Polymer	Epoxy resin		1 - 5	-
<i>Total</i>				<i>100</i>	

Weight of the products

Core shape	Size [mm]	Approx. weight [g]	Core shape	Size [mm]	Approx. weight [g]
TX9	9/6/3	0.5	TX40	40/24/16-40/24/20	62 – 77
TX10	10/6/4	0.95	TX42	42/26/13-42/26/18	53 – 55
TX13	13/7.1/4.8-13/7.9/6.4	1.8 – 2.2	TX50	50/30/19	100
TX14	14/9/5 – 14/9/9	2.1 – 3.8	TX51	51/32/19	100
TX16	16/9.1/4.7-16/9.6/6.3	2.7 – 3.8	TX55	55/32/18	100
TX20	20/10/7	7.7	TX58	58/41/18	110
TX22	22/14/6.4-22/14/13	6.5 – 14	TX63	63/38/25	220
TL22	22/14/7.9	8.8	TX74	74/39/13	170
TX25	25/15/10	15	TX80	80/40/15	240
TX26	26/15/10	17	TX87	87/54/14	220
TX29	29/19/7.5-29/19/15	13 – 28	TX102	102/66/15 - 102/66/25	325 - 570
TX32	32/19/13	29	TX107	107/65/18	456
TX36	36/23/10-36/23/15	28 – 40	TX140	140/106/25	800
TX39	39/20/13	45	TX152	152/104/19	878

All products are RoHS compatible according to Directive “2002/95/EC” of the European Parliament from 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, and related commission decisions (2005/618/EC \ 2005/717/EC \ 2005/747/EC \ 2006/310/EC).

REACH statement: FERROXCUBE follows the guidelines provided by the Federation of Electronic Components and Systems of ZVEI for producers of passive components for evaluating ceramic substances and articles under REACH. In conformance with the definition given in REACH Article 3 (3), shaped ferrite products have to be classified as articles, and therefore are not subject to registration. All chemical substances necessary for the fabrication of ferrites will be registered according to the REACH regulation. FERROXCUBE will comply with all REACH obligations concerning the transfer of information along the supply chain. For that purpose, a designated contact is provided. Please feel free to address your questions related to the impact of REACH on FERROXCUBE’s products to your local sales contact or to reach@ferroxcube.com.

Remarks: Traces are product compounds below 0.1 weight %. An overview of legal restrictions for traces is issued by the EICTA organisation as the “C4E list”. Ferrites may contain the following elements in traces: cobalt, nickel, barium, copper, silicon, phosphor, vanadium, aluminum, potassium. Neither lead nor cadmium nor mercury or its compounds nor hexavalent chromium is added to the product. Exact compositions are treated as company property and therefore kept confidential.

Information given in this material data sheet is based on present knowledge. Ferrite products used in its aimed application do not bear risks to human beings and the environment.

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