

Material Data Declaration Sheet

Part Number	SDQAAG6W08XCWE7 KTD MAG4B832BGIBAT KTD MAG4B832BGCBAT							
Product Name	DDR4 D1x 16Gb A-DIE x8 78B							
Product Total Weight (g)	0,203							
Part Name	Material Name	Substance Name	CAS N°	Substance Weight (g)	Homogeneous Material Level		Product Level	
					Percentage %	ppm	Percentage %	ppm
Epoxy Mold Compound	Silica/Epoxy Resin	Silica Fused	60676-86-0	0,1080	86	860000	45,7537	457536,9458
		Epoxy Resin	Trade Secret		8	80000	4,2562	42561,5764
		Phenol Resin	Trade Secret		5	50000	2,6601	26600,9852
		Carbon black	1333-86-4		1	10000	0,5320	5320,1970
Solder Ball	Solder Ball	Sn	7440-31-5	0,0280	97	970000	13,3793	133793,1034
		Silver	7440-22-4		2,5	25000	0,3448	3448,2759
		Copper	7440-50-8		0,5	5000	0,0690	689,6552
Silicon Die	Die	Silicon	7440-21-3	0,0050	100	1000000	2,4631	24630,5419
Substrate	CCL	Cured Epoxy Resin	Trade Secret	0,034200	15	150000	2,5271	25270,9360
		Inorganic Filler	60676-86-0		15	150000	2,5271	25270,9360
		Woven Glass Cloth	65997-17-3		20	200000	3,3695	33694,5813
		Copper Foil	Trade Secret		50	500000	8,4236	84236,4532
	Solder Mask	Acrylic Resin	Trade Secret	0,013600	40	400000	2,6798	26798,0296
		Pigment Yellow 147	4118-16-5		1	10000	0,0670	669,9507
		Pigment Blue 15	147-14-8		1	10000	0,0670	669,9507
		Aromatic Carbonyl Compounds	Trade Secret		3	30000	0,2010	2009,8522
		Filler : Barium Sulfate	7727-43-7		26	260000	1,7419	17418,7192
		Filler : Silicon Dioxide	7631-86-9		1	10000	0,0670	669,9507
		Filler : Talc containing no asbest fibers	14807-96-6		3	30000	0,2010	2009,8522
		Siloxanes and silicones	Trade Secret		3	30000	0,2010	2009,8522
		Dipropylene Glycol Monomethyl Ether	34590-94-8		3	30000	0,2010	2009,8522
		3-Methoxy-3-Methyl Butyl Acetate	103429-90-9		15	150000	1,0049	10049,2611
		Naphthalene	91-20-3		1	10000	0,0670	669,9507
		Heavy Aromatic Solvent naphtha	64742-94-5		3	30000	0,2010	2009,8522
	Cu Plating	Copper	7440-50-8	0,014500	100	1000000	7,1429	71428,5714

Elaborated by
 Emission Date
 Revision

Régia Calderoni
 November, 09th, 2022
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