

Material Composition Data

Product: GRX-330

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Timing Is Everything

GRX-330 - Automotive Crystal (AEC-Q200)

Sub-Assembly	Material	Substance	CAS No	Mass (mg)	Sub-Assembly % by mass
Base	Ceramic	Al ₂ O ₃	1344-28-1	9.870	74.99
		SiO ₂	14808-60-7	0.487	3.70
		Cr ₂ O ₃ (Non hex)	1308-38-9	0.079	0.60
		CaO	1305-78-8	0.079	0.60
		MgO	1309-48-4	0.066	0.50
		Mo	7439-98-7	0.171	1.30
		W	7440-33-7	2.027	15.40
		Ni	7440-02-0	0.263	2.00
		Co	7440-48-4	0.066	0.50
		Au	7440-57-5	0.053	0.40
Lid	Kovar	Fe	7439-89-6	0.837	41.85
		Ni	7440-02-0	0.474	23.70
		Co	7440-48-4	0.269	13.45
		Ag	7440-22-4	0.302	15.10
		Cu	7440-50-8	0.118	5.90
Blank	Quartz	SiO ₂	14808-60-7	0.800	100.00
Electrode-Ag	Metal	Ag	7440-22-4	0.020	100.00
Electrode-Cr		Cr	7440-47-3	0.000	0.00
Silver Glue	Resin	n-Dodecane	1313-27-5	0.001	5.00
		Aromatic hydrocarbon	461-58-5	0.001	5.00
		Ag	7440-22-4	0.014	70.00
		SiO ₂	14808-60-7	0.001	5.00
		Silicon resin	7631-86-9	0.003	15.00
Total Mass:				16.001 mg	

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