

Material Composition Data



Product: GRX-330

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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
	Ceramic	W	7440-33-7	2.027	15.40
	Ceramic	SiO ₂	14808-60-7	0.487	3.70
	Ceramic	Ni	7440-02-0	0.263	2.00
	Ceramic	Mo	7439-98-7	0.171	1.30
	Ceramic	CaO	1305-78-8	0.079	0.60
	Ceramic	Cr ₂ O ₃	1308-38-9	0.079	0.60
	Ceramic	Co	7440-48-4	0.066	0.50
	Ceramic	MgO	1309-48-4	0.066	0.50
	Ceramic	Au	7440-57-5	0.053	0.40
	Blank	Quartz	SiO ₂	14808-60-7	0.800
Electrode-Ag	Metal	Ag	7440-22-4	0.020	100.00
Lid	Kovar	Fe	7439-89-6	0.837	41.85
	Kovar	Ni	7440-02-0	0.474	23.70
	Kovar	Ag	7440-22-4	0.302	15.10
	Kovar	Co	7440-48-4	0.269	13.45
	Kovar	Cu	7440-50-8	0.118	5.90
Silver Glue	Resin	Ag	7440-22-4	0.014	77.78
	Resin	Resin		0.003	16.67
	Resin	SiO ₂	14808-60-7	0.001	5.56
Total Mass:				15.999 mg	

John Hems
 Quality Manager
 Email: j.hems@golledge.com