

Raw Material and Energy Powder Surcharges 2025

USD/LB (applicable at time of shipment)



If an alloy you purchase is not listed, call Carpenter within the U.S. at 800-654-6543. Outside the U.S., call 1-610-208-2000, press 2 for Customer Service.

5/1/2025

Chrome-based (powder products)

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® NiCr49Nb1	5.75	5.50	5.46	6.14	6.10							
UltraFine® 17Cr-4Ni MA 3X	3.49	3.30	3.35	3.88	3.94							
CarTech UltraFine® 316 MA	6.82	6.53	6.48	7.06	7.01							
CarTech UltraFine® 420 MA	2.03	1.83	1.84	2.27	2.43							

Cobalt-based (powder products)

CarTech Micro-Melt® 1	5.12	4.58	4.45	8.02	11.05							
CarTech Micro-Melt® 12	4.37	3.75	3.61	7.63	10.94							
CarTech Micro-Melt® 188	6.80	6.36	6.25	9.17	11.58							
CarTech Micro-Melt® 188B	6.80	6.36	6.25	9.17	11.58							
CarTech Micro-Melt® 1B	5.17	4.59	4.46	8.27	11.50							
CarTech Micro-Melt® 21	3.30	2.63	2.47	6.70	9.94							
CarTech Micro-Melt® 50Nb	3.22	2.59	2.44	6.37	9.33							
CarTech Micro-Melt® 6	2.09	2.01	2.01	4.44	6.97							
CarTech Micro-Melt® 6LF	3.02	2.36	2.20	6.64	10.16							
CarTech Micro-Melt® 9810	3.11	2.46	2.31	6.68	10.15							
CarTech Micro-Melt® A4783	3.78	3.25	3.12	6.69	9.41							
CarTech Micro-Melt® BioDur® CCM®	9.13	8.54	8.38	12.74	15.90							
CarTech Micro-Melt® CCM	2.50	2.35	2.32	4.59	9.85							
CarTech Micro-Melt® CCM GADS	2.50	2.35	2.32	4.59	6.84							
CarTech Micro-Melt® CCM PLUS®	2.50	2.35	2.32	4.59	6.84							
CarTech Micro-Melt® F	6.43	6.01	5.91	8.56	10.66							
CarTech Micro-Melt® F75	3.25	2.55	2.38	6.79	10.19							
CarTech Micro-Melt® G155	7.73	7.00	6.78	10.60	13.64							
CarTech Micro-Melt® G185	4.42	3.83	3.69	7.67	10.83							
CarTech Micro-Melt® G190	7.97	7.29	7.09	10.34	12.90							
CarTech Micro-Melt® G195	3.94	3.51	3.41	6.27	8.17							
CarTech Micro-Melt® HS31	4.42	3.83	3.69	7.65	10.80							
CarTech Micro-Melt® Merl72	6.29	5.92	5.80	9.33	12.21							
CarTech Micro-Melt® Mo1	5.30	4.71	4.58	8.21	11.26							
CarTech Micro-Melt® P1316	4.29	3.69	3.55	7.58	10.78							
CarTech Micro-Melt® P1318	4.29	3.69	3.55	7.58	10.78							
CarTech Micro-Melt® P694	7.10	6.58	6.46	9.90	12.97							
CarTech Micro-Melt® R31233	3.08	2.56	2.40	6.19	9.16							

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CarTech Micro-Melt® TDCA	3.93	3.50	3.41	6.18	8.00							
CarTech Micro-Melt® WearCorr™	4.03	3.43	3.28	7.05	9.93							
CarTech UltraFine CCM®	3.24	2.56	2.40	6.61	9.85							
CarTech UltraFine® CCM PLUS®	3.24	2.56	2.40	6.61	9.85							
CarTech UltraFine® CoCr	3.28	2.57	2.40	6.89	10.35							
CarTech UltraFine® F-75HP	3.29	2.59	2.41	6.82	10.22							
CarTech UltraFine® H25	6.05	5.51	5.37	9.13	12.34							
Micro-Melt® Maraging 509B	5.82	5.41	5.28	9.16	12.32							
CarTech Micro-Melt® CTS	1.95	1.28	1.13	5.64	9.09							
Micro-Melt Biodur CCM® LS	2.37	2.23	2.20	4.59	6.99							
Micro-Melt CCM® A764 Mod	3.15	2.44	2.27	6.76	10.23							
CarTech Micro-Melt® CoWCr	2.01	1.28	1.10	6.21	10.17							
CarTech UltraFine® FeCo50	0.69	0.27	0.17	3.44	6.02							
CarTech Micro-Melt® CCM MC	1.77	1.72	1.71	3.84	6.13							
Cobalt/Nickel-based (powder products)												
CarTech UltraFine® MP35N®	5.81	5.41	5.29	7.68	9.28							
Copper-based (powder products)												
CarTech Micro-Melt® C18200	4.51	4.70	5.12	5.62	5.25							
CarTech Micro-Melt® CuNiSiCr	4.69	4.85	5.22	5.71	5.34							
CarTech Micro-Melt® G72	5.59	5.68	5.91	6.37	5.97							
CarTech UltraFine® CuNiSnP	5.77	6.00	6.50	7.06	6.65							
CarTech UltraFine® C621	5.24	5.44	5.87	6.38	6.00							
CarTech UltraFine® Cu15SnP	5.71	5.95	6.48	7.05	6.64							
CarTech UltraFine® Cu-Electr.	4.50	4.68	5.11	5.60	5.23							
CarTech UltraFine® Copper-MIM	4.52	4.71	5.13	5.63	5.25							
UltraFine® C18000	4.55	4.72	5.13	5.62	5.25							
Iron-based (powder products)												
CarTech Micro-Melt® 5506	3.57	3.42	3.41	3.70	3.69							
CarTech Micro-Melt® 654SMO	3.54	3.55	3.54	3.61	3.56							
CarTech Micro-Melt® 904L	3.48	3.43	3.43	3.55	3.42							
CarTech Micro-Melt® BS2766	0.92	0.92	0.95	1.12	1.31							
CarTech Micro-Melt® Fe LC	0.18	0.18	0.22	0.23	0.22							
CarTech Micro-Melt® Fe Powder	0.18	0.18	0.22	0.23	0.22							
CarTech Micro-Melt® LAW 100X	0.18	0.18	0.22	0.23	0.22							
CarTech Micro-Melt® Sanicro 28	3.72	3.66	3.66	3.81	3.66							
CarTech Micro-Melt® 28	3.72	3.66	3.66	3.81	3.66							
CarTech Micro-Melt NCORR®	2.96	2.82	2.82	3.14	3.15							
CarTech Micro-Melt® FeCoTa	19.39	20.73	20.69	24.53	28.32							

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CarTech Micro-Melt® FeCoCrNi	3.28	2.94	2.87	4.96	6.29							
CarTech Micro-Melt® FeCoTaMo	15.60	16.13	16.01	19.89	23.45							
CarTech Micro-Melt® AFA25	3.89	3.80	3.80	4.05	3.98							
CarTech Micromelt® AFA25	3.89	3.80	3.80	4.05	3.98							
CarTech Micro-Melt Ferrium® M4	19.95	19.39	19.15	18.62	18.32							
CarTech Micro-Melt® 2507 SDplx	7.52	7.35	7.29	7.82	7.53							
CarTech Micro-Melt® VeKo25Cr	1.89	1.85	1.87	1.95	1.99							
CarTech Micro-Melt® 1.4313	1.10	1.04	1.06	1.20	1.21							
Micro-Melt Aermet-for-tooling®	1.52	1.39	1.37	2.31	2.92							
CarTech Micro-Melt® A-286	3.19	3.10	3.09	3.35	3.26							
Iron/Cobalt-based (powder products)												
CarTech Micro-Melt Hiperc® 50	0.93	0.51	0.41	3.63	6.14							
CarTech UltraFine Hiperc® 50	0.92	0.51	0.41	3.60	6.09							
Micro-Melt Hiperc® 50 HS	1.43	1.00	0.90	4.17	6.70							
Iron/Nickel (powder products)												
CarTech UltraFine® GHS 4	5.06	4.98	4.96	5.15	4.95							
Nickel-based (powder products)												
CarTech IN100	8.23	8.01	7.94	8.38	8.14							
CarTech Micro-Melt® 230	9.14	8.96	8.91	9.73	10.21							
CarTech Micro-Melt® 247LC	9.54	9.51	9.46	10.66	11.34							
CarTech Micro-Melt® 247LC Mod 1	9.40	9.40	9.35	10.50	11.16							
CarTech Micro-Melt® 282	7.51	7.25	7.17	8.24	8.52							
CarTech Micro-Melt® 50/50	5.93	5.70	5.67	6.31	6.21							
CarTech Micro-Melt® 600	6.72	6.61	6.56	7.06	6.73							
CarTech Micro-Melt® 622	9.25	9.04	8.97	9.37	9.19							
CarTech Micro-Melt® 622 AWS	9.33	9.11	9.04	9.45	9.28							
CarTech Micro-Melt® 625	7.41	7.39	7.34	7.71	7.58							
CarTech Micro-Melt® 625+W	8.37	8.18	8.12	8.56	8.29							
CarTech Micro-Melt® 625AM	8.93	8.74	8.68	9.12	8.82							
CarTech Micro-Melt® 625Ar	8.93	8.74	8.68	9.12	8.82							
CarTech Micro-Melt® 625LF	8.90	8.71	8.64	9.09	8.79							
CarTech Micro-Melt® 625M	9.06	8.87	8.81	9.24	8.95							
CarTech Micro-Melt® 713C	7.54	7.41	7.37	7.81	7.45							
CarTech Micro-Melt® 718	6.70	6.56	6.53	6.92	6.70							
CarTech Micro-Melt® 80/20	7.11	6.97	6.93	7.47	7.13							
CarTech Micro-Melt® 825	5.06	5.01	4.99	5.24	4.99							
CarTech Micro-Melt® A4777	6.95	6.87	6.82	7.28	6.88							
CarTech Micro-Melt® A4778	7.46	7.40	7.34	7.79	7.32							

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CarTech Micro-Melt® A4779	7.62	7.55	7.50	7.96	7.47							
CarTech Micro-Melt® A4782	6.48	6.35	6.30	6.81	6.51							
CarTech Micro-Melt® B27	7.67	7.61	7.55	8.01	7.53							
CarTech Micro-Melt® B40	7.06	6.97	6.92	7.40	7.01							
CarTech Micro-Melt® B56	6.66	6.56	6.51	6.99	6.64							
CarTech Micro-Melt® B60+	6.51	6.40	6.35	6.83	6.50							
CarTech Micro-Melt® C-276	10.07	9.86	9.79	10.12	9.93							
CarTech Micro-Melt® C-901	8.47	8.28	8.21	8.59	8.30							
CarTech Micro-Melt® G142	6.63	6.51	6.46	6.96	6.64							
CarTech Micro-Melt® G173	7.67	7.61	7.55	8.85	9.32							
CarTech Micro-Melt® G183	7.54	7.33	7.26	8.27	8.60							
CarTech Micro-Melt® G186	6.51	6.26	6.18	7.53	8.03							
CarTech Micro-Melt® G192	6.45	6.32	6.29	6.80	6.51							
CarTech Micro-Melt® G202	6.68	6.55	6.51	6.91	6.69							
CarTech Micro-Melt® G207	7.13	7.01	6.97	7.49	7.12							
CarTech Micro-Melt® G81	6.48	6.35	6.30	6.81	6.51							
CarTech Micro-Melt® GHS-4	5.39	5.27	5.24	5.52	5.35							
CarTech Micro-Melt® HX	6.90	6.72	6.67	7.03	6.85							
CarTech Micro-Melt® HyMu 800	7.67	7.58	7.53	7.89	7.46							
CarTech Micro-Melt® IN738	7.55	7.42	7.36	8.50	8.92							
CarTech Micro-Melt® MAR-M-247	9.80	9.77	9.71	10.98	11.74							
CarTech Micro-Melt® N5A	5.47	5.23	5.17	6.59	7.14							
CarTech Micro-Melt® N5A/N5B	5.37	5.13	5.07	6.49	7.04							
CarTech Micro-Melt® N5B	5.16	4.92	4.85	6.25	6.82							
CarTech Micro-Melt® NFM 24	5.76	5.51	5.43	6.91	7.53							
CarTech Micro-Melt® NiCoCrMo	6.59	6.31	6.22	7.70	8.31							
CarTech Micro-Melt® NiCrMoAl	7.65	7.53	7.49	7.90	7.52							
CarTech Micro-Melt® NiCrMoB	9.38	9.19	9.11	9.46	9.10							
CarTech Micro-Melt® TDCA/TDCB	4.08	3.69	3.59	6.09	7.68							
CarTech Micro-Melt® TDCB	4.38	4.05	3.97	5.94	7.06							
CarTech UltraFine® 713C	7.53	7.40	7.35	7.79	7.43							
CarTech UltraFine® 718	6.70	6.56	6.53	6.92	6.70							
CarTech UltraFine® Alloy X	6.96	6.77	6.72	7.19	7.07							
CarTech UltraFine® HX	7.08	6.89	6.84	7.31	7.19							
CarTech UltraFine® K500	10.78	10.74	10.70	11.02	10.68							
CarTech UltraFine® NiCoCrAlY	4.26	4.03	3.97	5.71	6.65							
CarTech Micro-Melt® BRB	6.40	6.21	6.15	7.23	7.40							
CarTech Micro-Melt® G204	7.00	6.91	6.86	7.32	6.92							

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CarTech Micro-Melt® Waspaloy	6.72	6.46	6.38	7.67	8.12							
CarTech Micro-Melt® A914	6.15	5.92	5.83	7.49	8.15							
CarTech Micro-Melt® 5 Fe	4.14	3.74	3.63	6.47	8.32							
CarTech Micro-Melt® 725	8.28	8.11	8.05	8.47	8.18							
CarTech UltraFine® 625	8.93	8.74	8.68	9.12	8.82							
CarTech UltraFine® Fe-50Ni	4.13	4.10	4.09	4.34	4.07							
CarTech Micro-Melt® L1	9.12	8.93	8.87	9.32	9.14							
CarTech Micro-Melt® Ni-24.5Cr	8.08	8.01	7.96	8.44	7.93							
CarTech Micro-Melt® HX-1LC	7.08	6.88	6.83	7.32	7.24							
CarTech Micro-Melt® R95	8.10	7.91	7.85	8.78	9.00							
CarTech Micro-Melt® R125-1	9.46	9.43	9.37	10.63	11.32							
CarTech Micro-Melt® C263	6.63	6.31	6.21	7.88	8.68							
CarTech Micro-Melt® 718 AM	6.66	6.52	6.49	6.89	6.67							
CarTech Micro-Melt® 690	6.05	5.89	5.85	6.40	6.18							
CarTech Micro-Melt® 82	7.28	7.14	7.10	7.63	7.32							
Micro-Melt® STAL18SILAY	8.96	8.97	8.93	10.00	10.36							
CarTech Micro-Melt® 738 LC	7.90	7.78	7.71	8.80	9.16							
CarTech Micro-Melt® 263	7.18	6.84	6.71	8.36	9.16							
CarTech Micro-Melt® HX LC	7.08	6.89	6.84	7.31	7.19							
CarTech Micro-Melt® HX-4	7.05	6.86	6.81	7.27	7.16							
CarTech Micro-Melt® R77	6.59	6.34	6.26	7.62	8.12							
CarTech Micro-Melt® 109 Mod	6.47	6.23	6.15	7.90	8.84							
CarTech Micro-Melt® Ni60H	6.56	6.44	6.40	6.88	6.56							
CarTech Micro-Melt® 625F-1	8.64	8.45	8.39	8.82	8.54							
CarTech Micro-Melt® 792	9.05	9.03	8.97	10.20	10.78							
CarTech Micro-Melt® NiCrAlY	6.29	6.17	6.15	6.65	6.35							
CarTech Micro-Melt® 720	6.59	6.33	6.25	7.63	8.21							
CarTech UltraFine® Ni20Cr	7.27	7.13	7.08	7.64	7.29							
CarTech UltraFine® NiCrMo	5.64	5.48	5.45	5.88	5.80							
CarTech UltraFine® 90	5.79	5.52	5.44	7.06	7.75							
CarTech UltraFine® M400	6.88	6.89	6.98	7.46	7.00							
CarTech UltraFine® R77	6.57	6.32	6.24	7.59	8.09							
UltraFine® Maraging 247	9.54	9.50	9.45	10.68	11.41							
CarTech UltraFine® HyMu 800	7.67	7.58	7.53	7.89	7.46							
CarTech Micro-Melt® 75	6.64	6.58	6.54	6.94	6.55							
Tool Steel (powder products)												
Alloy Description												
CarTech Micro-Melt Custom 470®	1.42	1.40	1.42	1.48	1.42							

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CarTech Micro-Melt® 100	1.80	1.81	1.83	1.86	1.88							
CarTech Micro-Melt® 100Cr6	0.19	0.19	0.23	0.24	0.23							
CarTech Micro-Melt® 1045	0.18	0.18	0.22	0.23	0.22							
CarTech Micro-Melt® 15Cr-5Ni	1.20	1.15	1.19	1.36	1.36							
CarTech Micro-Melt® 16MnCr5	0.19	0.19	0.23	0.24	0.23							
CarTech Micro-Melt® 17Cr-4Ni	0.83	0.83	0.88	0.94	0.91							
CarTech Micro-Melt® 20-4	1.13	1.14	1.16	1.26	1.33							
CarTech Micro-Melt®2205 Duplex	1.50	1.51	1.52	1.55	1.55							
CarTech Micro-Melt®2505 SDplx	1.56	1.57	1.59	1.63	1.63							
CarTech Micro-Melt® 2205M	1.52	1.52	1.54	1.56	1.57							
CarTech Micro-Melt® 23	1.44	1.45	1.47	1.52	1.60							
CarTech Micro-Melt® 2357	1.89	1.85	1.87	1.93	1.88							
CarTech Micro-Melt® 23S	2.90	2.93	2.94	3.00	3.18							
CarTech Micro-Melt® 25-10-10	4.25	4.08	4.07	4.26	4.40							
CarTech Micro-Melt® 253	1.09	1.10	1.12	1.18	1.17							
CarTech Micro-Melt® 254SMO	2.97	2.99	2.99	3.05	3.00							
CarTech Micro-Melt® 25-7-4	1.94	1.90	1.92	1.95	1.92							
CarTech Micro-Melt® 2739	3.30	3.36	3.37	3.76	4.34							
CarTech Micro-Melt® 2888	2.23	2.13	2.13	2.81	3.49							
CarTech Micro-Melt® 2906	1.56	1.53	1.55	1.59	1.58							
CarTech Micro-Melt® 30	2.89	2.92	2.93	3.27	3.74							
CarTech Micro-Melt® 304	1.06	1.07	1.10	1.16	1.14							
CarTech Micro-Melt® 304B4	1.96	1.87	1.88	2.12	2.11							
CarTech Micro-Melt® 304B6	1.96	1.87	1.89	2.12	2.11							
CarTech Micro-Melt® 304B7	1.99	1.90	1.91	2.15	2.14							
CarTech Micro-Melt® 304L	1.63	1.54	1.56	1.78	1.78							
CarTech Micro-Melt® 308L Mod	1.18	1.17	1.19	1.27	1.23							
CarTech Micro-Melt® 309L	2.20	2.09	2.10	2.36	2.37							
CarTech Micro-Melt® 30LS	3.41	3.30	3.29	3.90	4.51							
CarTech Micro-Melt® 30Nb	3.33	3.22	3.21	3.84	4.47							
CarTech Micro-Melt® 312	1.22	1.20	1.22	1.30	1.28							
CarTech Micro-Melt® 316L	1.53	1.54	1.56	1.60	1.58							
CarTech Micro-Melt® 316L AWS	1.69	1.66	1.68	1.74	1.69							
CarTech Micro-Melt® 316L+S	1.69	1.66	1.68	1.74	1.69							
CarTech Micro-Melt® 316LHSi	2.45	2.35	2.35	2.56	2.54							
CarTech Micro-Melt® 316LN	2.38	2.29	2.30	2.50	2.47							
CarTech Micro-Melt® 316Lx1.5	2.34	2.30	2.31	2.39	2.32							
CarTech Micro-Melt® 347H	1.21	1.20	1.22	1.30	1.26							

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CarTech Micro-Melt® 410	0.26	0.25	0.29	0.32	0.32							
CarTech Micro-Melt® 410L	0.64	0.59	0.63	0.74	0.77							
CarTech Micro-Melt® 4112	0.61	0.60	0.63	0.65	0.65							
CarTech Micro-Melt® 4130	0.30	0.29	0.33	0.34	0.33							
CarTech Micro-Melt® 4140	0.22	0.21	0.25	0.27	0.26							
CarTech Micro-Melt® 416R	0.41	0.40	0.44	0.46	0.46							
CarTech Micro-Melt® 420	0.68	0.63	0.66	0.78	0.82							
CarTech Micro-Melt® 420 LCM	0.69	0.63	0.66	0.79	0.82							
CarTech Micro-Melt® 420-CW	1.46	1.47	1.49	1.64	1.67							
CarTech Micro-Melt® 420LC	0.68	0.63	0.66	0.78	0.82							
CarTech Micro-Melt® 422	1.22	1.17	1.19	1.31	1.37							
CarTech Micro-Melt® 431	0.95	0.88	0.90	1.06	1.10							
CarTech Micro-Melt® 4340	0.33	0.33	0.37	0.39	0.37							
CarTech Micro-Melt® 4370	1.52	1.44	1.46	1.67	1.68							
CarTech Micro-Melt® 440	1.20	1.18	1.20	1.30	1.33							
CarTech Micro-Melt® 440C	0.94	0.87	0.90	1.05	1.09							
CarTech Micro-Melt® 440-XH	1.09	1.02	1.04	1.19	1.24							
CarTech Micro-Melt® 4848	2.76	2.64	2.64	2.96	2.94							
CarTech Micro-Melt® 53	2.59	2.61	2.63	2.77	2.90							
CarTech Micro-Melt® 5499	0.83	0.82	0.84	0.85	0.84							
CarTech Micro-Melt® 60	3.72	3.75	3.75	4.20	4.77							
CarTech Micro-Melt® 6126Ni-free	1.57	1.48	1.49	1.64	1.69							
CarTech Micro-Melt® 7339	0.32	0.32	0.35	0.36	0.35							
CarTech Micro-Melt® 736A	1.56	1.46	1.47	1.70	1.75							
CarTech Micro-Melt® 80	5.11	4.93	4.90	6.06	7.22							
CarTech Micro-Melt® 800	2.53	2.45	2.45	2.78	2.86							
CarTech Micro-Melt® 9038	1.52	1.53	1.55	1.60	1.66							
CarTech Micro-Melt® 9040	2.51	2.52	2.53	2.58	2.67							
CarTech Micro-Melt® 9055	2.90	2.93	2.94	3.27	3.74							
CarTech Micro-Melt® 9078	1.79	1.79	1.80	1.94	1.98							
CarTech Micro-Melt® 9098	1.02	1.02	1.05	1.12	1.15							
CarTech Micro-Melt® 9655	2.58	2.53	2.53	2.58	2.53							
CarTech Micro-Melt® 9659	3.28	3.13	3.12	3.39	3.41							
CarTech Micro-Melt® 9660	3.28	3.13	3.12	3.39	3.41							
CarTech Micro-Melt® A11	1.54	1.54	1.56	1.72	1.74							
CarTech Micro-Melt® A11HC	2.44	2.44	2.45	2.60	2.63							
CarTech Micro-Melt® A11LVC	1.50	1.51	1.53	1.68	1.70							
CarTech Micro-Melt® A11-VP	1.70	1.67	1.69	1.83	1.85							

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CarTech Micro-Melt® Aermet®100	1.58	1.44	1.43	2.38	3.01							
CarTech Micro-Melt® AISI8740	0.30	0.30	0.33	0.35	0.34							
CarTech Micro-Melt® AM400Plus	1.69	1.63	1.65	1.80	1.77							
CarTech Micro-Melt® APM 2370	1.68	1.65	1.67	1.70	1.68							
CarTech Micro-Melt® CD#1	0.75	0.75	0.78	0.81	0.81							
CarTech Micro-Melt® D2	0.59	0.57	0.60	0.66	0.69							
CarTech Micro-Melt® D7	0.95	0.96	0.98	1.06	1.08							
CarTech Micro-Melt® Duplex 22	1.53	1.50	1.52	1.55	1.53							
CarTech Micro-Melt® F22	0.53	0.51	0.55	0.58	0.57							
CarTech Micro-Melt® FeSi	0.22	0.21	0.25	0.26	0.27							
CarTech Micro-Melt® FeSi 600	0.22	0.22	0.25	0.27	0.27							
CarTech Micro-Melt® Grade 92	0.82	0.81	0.84	0.87	0.92							
CarTech Micro-Melt® H13	0.87	0.85	0.88	0.96	0.97							
CarTech Micro-Melt® H163	2.93	2.95	2.97	3.04	3.22							
CarTech Micro-Melt® HS-30	2.83	2.86	2.87	3.21	3.68							
CarTech Micro-Melt® M300	3.54	3.41	3.39	4.06	4.42							
CarTech Micro-Melt® M4	2.84	2.86	2.87	2.95	3.11							
CarTech Micro-Melt® M4 HCS	3.36	3.30	3.32	3.41	3.57							
CarTech Micro-Melt® M42	2.59	2.59	2.59	2.84	3.16							
CarTech Micro-Melt® M48	3.67	3.71	3.72	4.09	4.70							
CarTech Micro-Melt® M48 LS	3.70	3.74	3.75	4.12	4.73							
CarTech Micro-Melt® Maxamet®	3.58	3.65	3.66	4.16	4.90							
CarTech Micro-Melt® MV 11K	1.05	1.05	1.07	1.15	1.19							
CarTech Micro-Melt® NOREM 02	0.66	0.65	0.67	0.69	0.66							
CarTech Micro-Melt® O6	0.19	0.18	0.22	0.24	0.22							
CarTech Micro-Melt® P-28	3.27	3.12	3.11	3.38	3.40							
CarTech Micro-Melt® PD#1	1.06	1.06	1.09	1.14	1.17							
CarTech Micro-Melt® PD#5	1.67	1.62	1.64	1.77	1.85							
CarTech Micro-Melt® SA508	0.36	0.36	0.40	0.41	0.39							
Micro-Melt® Sanicro 15-5PH	0.82	0.81	0.86	0.92	0.89							
CarTech Micro-Melt® 15-5PH	0.82	0.81	0.86	0.92	0.89							
CarTech Micro-Melt® T15	3.36	3.42	3.45	3.76	4.30							
CarTech Micro-Melt® T15 Plus	3.36	3.41	3.43	3.82	4.41							
CarTech Micro-Melt® TD#1	1.28	1.29	1.32	1.35	1.41							
CarTech Micro-Melt® TF1	0.96	0.95	0.98	1.09	1.20							
CarTech Micro-Melt® TF6	5.72	5.81	5.81	6.17	6.91							
CarTech Micro-Melt® TMM	0.92	0.90	0.93	0.96	0.94							
CarTech Micro-Melt® VA176	2.21	2.14	2.15	2.40	2.45							

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CarTech Micro-Melt® W4841Nb	2.03	2.00	2.02	2.14	2.06							
CarTech Micro-Melt® X245	1.59	1.60	1.61	1.78	1.80							
Micro-Melt® X4CrNiMo 16-5-1	0.69	0.70	0.72	0.76	0.76							
CarTech UltraFine® 1.2709	2.88	2.75	2.73	3.40	3.76							
CarTech UltraFine® 1.4435	3.23	3.08	3.08	3.35	3.35							
CarTech UltraFine® 17Cr-4Ni	1.27	1.21	1.25	1.43	1.44							
CarTech UltraFine® 304L	1.02	1.03	1.06	1.12	1.10							
CarTech UltraFine® 316L	1.69	1.66	1.68	1.74	1.69							
CarTech UltraFine® 410L	0.31	0.30	0.34	0.36	0.36							
CarTech UltraFine® 430L	0.81	0.74	0.77	0.92	0.97							
CarTech UltraFine® 4340	0.33	0.33	0.37	0.39	0.37							
CarTech UltraFine® 4340 MA 3X	0.33	0.33	0.37	0.39	0.37							
CarTech UltraFine® 440C+1.5Nb	1.08	1.01	1.04	1.19	1.24							
CarTech UltraFine® D2	0.52	0.52	0.55	0.60	0.63							
CarTech UltraFine® Fe14MnC	0.21	0.20	0.24	0.25	0.25							
UltraFine® Fe17Cr11Mn3Mo	1.61	1.51	1.53	1.66	1.70							
CarTech UltraFine® FeCrMnMo	1.61	1.51	1.53	1.66	1.70							
CarTech UltraFine® Fe-30Cr	1.29	1.17	1.19	1.45	1.54							
CarTech UltraFine® Fe30Ni	2.55	2.53	2.54	2.69	2.53							
CarTech UltraFine® Fe8Ni	0.81	0.81	0.84	0.89	0.83							
CarTech UltraFine® FeCrAlY	0.45	0.45	0.49	0.52	0.53							
CarTech UltraFine® FeSiAl	0.29	0.29	0.33	0.34	0.35							
CarTech UltraFine® H13	0.68	0.67	0.70	0.72	0.72							
CarTech UltraFine® M2	2.78	2.79	2.80	2.88	3.06							
CarTech UltraFine® Mod FeSiAl	0.29	0.29	0.33	0.35	0.36							
CarTech UltraFine® S7	0.63	0.61	0.64	0.67	0.66							
CarTech UltraFine® SCM415	0.19	0.19	0.23	0.24	0.23							
UltraFine® X2NiCoMo 18-9-5	2.82	2.70	2.68	3.34	3.68							
CarTech UltraFine® X65Cr13	0.70	0.64	0.67	0.80	0.83							
CarTech Micro-Melt® 65Fe35Co	0.54	0.24	0.18	2.48	4.28							
CarTech Micro-Melt® 255N	2.39	2.27	2.28	2.53	2.56							
CarTech Micro-Melt® 431 FM	0.95	0.88	0.91	1.06	1.10							
CarTech Micro-Melt® 21-6-9	1.50	1.41	1.43	1.65	1.69							
CarTech Micro-Melt® 9310	0.51	0.50	0.54	0.58	0.55							
CarTech UltraFine® Fe-3Si	0.19	0.19	0.22	0.23	0.22							
CarTech UltraFine® SKH57	4.19	4.06	4.05	4.82	5.64							
CarTech UltraFine® Fe-6Si	0.20	0.19	0.23	0.24	0.23							
CarTech UltraFine® F15	2.65	2.48	2.45	3.71	4.43							

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CarTech UltraFine® 347	1.72	1.64	1.65	1.87	1.86							
CarTech UltraFine® Fe-18Cr	0.85	0.77	0.80	0.96	1.01							
CarTech UltraFine® 4140	0.27	0.26	0.30	0.32	0.31							
CarTech UltraFine® VeKo25Cr	2.90	2.87	2.88	2.96	3.11							
CarTech UltraFine® 4140 MA	0.44	0.42	0.46	0.49	0.49							
CarTech UltraFine® HK30	2.97	2.86	2.86	3.18	3.15							
CarTech UltraFine® Fe-42Ni	3.52	3.49	3.48	3.70	3.47							
CarTech UltraFine® 218	2.56	2.44	2.45	2.70	2.70							
CarTech Micro-Melt® 7570	4.76	4.62	4.61	4.75	4.95							
CarTech Micro-Melt Invar 36®	3.02	2.99	3.00	3.18	2.99							
CarTech Micro-Melt® Alloy 1	1.69	1.63	1.65	1.80	1.77							
CarTech Micro-Melt® EN25	0.54	0.53	0.56	0.59	0.57							
CarTech Micro-Melt® PWC7	3.33	3.23	3.22	3.51	3.57							
CarTech Micro-Melt® 4304-2	1.72	1.63	1.65	1.87	1.87							
CarTech Micro-Melt® BSEC510	0.37	0.36	0.40	0.42	0.40							
CarTech Micro-Melt® P21 Mod	0.55	0.54	0.58	0.62	0.59							
CarTech Micro-Melt® 177-1	1.38	1.31	1.33	1.52	1.53							
CarTech Micro-Melt® FeCoMo	4.17	3.95	3.90	4.85	5.52							
CarTech Micro-Melt® 13Cr-8Ni	1.81	1.74	1.76	1.89	1.88							
CarTech Micro-Melt® FeCrWTi	1.38	1.33	1.36	1.48	1.59							
CarTech Micro-Melt® 316L Mod-1	1.97	1.88	1.90	2.13	2.11							
CarTech Micro-Melt® 316L Mod-2	1.96	1.88	1.89	2.12	2.10							
CarTech Micro-Melt® 316L Mod-3	2.74	2.62	2.62	2.94	2.92							
CarTech Micro-Melt® C300	2.84	2.72	2.70	3.35	3.70							
CarTech Micro-Melt® 420-CW Mod	2.07	1.99	1.99	2.25	2.31							
Micro-Melt Ferrium® PH48S	1.76	1.63	1.63	2.25	2.60							
CarTech Micro-Melt® Fe-10Ni	0.99	0.99	1.01	1.08	1.01							
Micro-Melt Ferrium® C64	6.51	6.30	6.22	7.64	8.13							
CarTech Micro-Melt® SA508 Gr4N	0.66	0.65	0.68	0.72	0.70							
CarTech UltraFine® 17Cr-4Ni Ar	1.46	1.39	1.43	1.61	1.62							
CarTech Micro-Melt® HTMO	1.40	1.34	1.37	1.56	1.57							
CarTech Micro-Melt® 1.2709	2.92	2.80	2.78	3.44	3.78							
CarTech Micro-Melt® NitroMaxx	1.93	1.81	1.83	2.05	2.10							
CarTech Micro-Melt® M152	1.27	1.20	1.23	1.34	1.35							
CarTech Micro-Melt® FeCrAlTi	0.98	0.90	0.93	1.11	1.16							
CarTech Micro-Melt® SHS8000	2.31	2.21	2.23	2.37	2.41							
CarTech UltraFine® 13Cr-8Ni	1.82	1.75	1.76	1.91	1.89							
CarTech UltraFine® 42CrMo4	0.27	0.26	0.30	0.32	0.31							

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UltraFine® BioDur 108 low Ni	1.33	1.23	1.25	1.47	1.55							
CarTech UltraFine® 420	0.93	0.88	0.91	1.03	1.06							
CarTech UltraFine BioDur® 108	1.33	1.23	1.25	1.47	1.55							
CarTech UltraFine Custom 465®	1.76	1.70	1.72	1.87	1.84							
CarTech UltraFine® Fe10Mn3Si	0.25	0.24	0.28	0.31	0.31							
CarTech UltraFine® 440A	0.81	0.74	0.77	0.92	0.97							
CarTech UltraFine® 15Cr-5Ni	1.29	1.23	1.27	1.44	1.45							
CarTech UltraFine® X20Cr13	0.69	0.64	0.67	0.80	0.83							
CarTech UltraFine® S5	0.37	0.36	0.40	0.40	0.39							
CarTech UltraFine® FeCoSiNbBCu	1.56	1.31	1.26	3.24	4.78							
CarTech UltraFine® 18Ni300	2.87	2.75	2.73	3.38	3.73							
CarTech UltraFine® Fe6.5Si5Cr	0.38	0.36	0.39	0.44	0.45							
CarTech UltraFine Custom 455®	1.46	1.41	1.44	1.59	1.57							
CarTech UltraFine Custom 475®	2.48	2.32	2.31	2.97	3.38							
CarTech UltraFine® FeSiNbCuB	1.28	1.28	1.31	1.32	1.31							
UltraFine Hi Permeability 49®	3.97	3.94	3.93	4.17	3.92							
CarTech UltraFine® X25CrMo14	0.96	0.89	0.92	1.05	1.08							
CarTech UltraFine® A2	0.68	0.66	0.69	0.74	0.74							
CarTech UltraFine® 303	1.71	1.63	1.64	1.85	1.85							
CarTech UltraFine® FeCo35	0.54	0.24	0.18	2.48	4.28							
CarTech UltraFine® 440C	0.81	0.74	0.77	0.92	0.97							
CarTech UltraFine® 420Mod	1.83	1.75	1.77	2.02	2.09							
CarTech Micro-Melt® 9043	2.92	2.95	2.96	3.02	3.20							
CarTech Micro-Melt® AF9628	0.51	0.50	0.53	0.55	0.53							
MS-1(N)	2.90	2.78	2.76	3.41	3.76							
CarTech Micro-Melt NiMark® 350	2.90	2.75	2.72	3.57	4.07							
CarTech UltraFine® 316L Mod	2.14	2.11	2.12	2.19	2.12							
CarTech Micro-Melt® 416	0.76	0.71	0.73	0.85	0.89							
CarTech Micro-Melt® 30CD12	0.35	0.35	0.38	0.40	0.38							
CarTech Micro-Melt® Wear 26	0.86	0.86	0.89	0.94	0.98							
CarTech Micro-Melt® Wear 20	1.06	1.06	1.09	1.17	1.20							
Tungsten/Nickel-based (powder products)												
CarTech Micro-Melt® Amega NM	15.76	15.65	15.60	16.01	17.03							
CarTech Micro-Melt® NT-60	17.86	17.83	17.81	18.29	19.81							
CarTech Micro-Melt® NT-60KS	17.18	17.15	17.13	17.59	19.04							
CarTech Micro-Melt® NT-60SP	17.59	17.56	17.54	18.00	19.52							
CarTech Micro-Melt® NT-70SP	19.23	19.21	19.20	19.66	21.53							
CarTech Micro-Melt® NT-65	18.59	18.57	18.55	19.02	20.72							

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CarTech Micro-Melt® NT-50 SPH	16.39	16.36	16.33	16.80	18.07							
Other (powder products)												
CarTech Micro-Melt®Pyrowear 53	1.19	1.17	1.21	1.22	1.18							
Micro-Melt® Glass Sealing 18	0.38	0.37	0.40	0.43	0.44							
CarTech UltraFine® 1.4923	1.26	1.21	1.23	1.37	1.41							
CarTech Micro-Melt® 901	4.92	4.85	4.82	5.00	4.75							
CarTech Micro-Melt® 5120	0.21	0.21	0.25	0.27	0.26							
CarTech UltraFine® 1.4848	2.72	2.60	2.60	2.92	2.90							

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