

Aleaciones disponibles para los Cupones

ALUMINIO Y ALEACIÓN DE ALUMINIO

UNS	MATERIAL	DENSIDAD (g/cm ³)
A91050	AI 1050	
A91060	AI 1060	2,7
A91100	AL 110	2.71
A91145	AL 1145	
A92011	AL 2011	2.82
A92014	AL 2014	2.80
A92017	AL 2017	
A92024	AL 2024	2.77
	AL 2024 ALCLAD	
A92036	AL 2036	
A92090	AL 2090	
A92219	AL 2219	
A93003	AL 3003	2.73
A93004	AL 3004	
A94043	AL 4043	
A95005	AL 5005	2.70
A95050	AL 5050	2.69
A95052	AL 5052	2.68
A95083	AL 5083	2.66
A95086	AL 5086	2.65
A95154	AL 5154	2.66
A95182	AL 5182	
A95254	AL 5254	
A95257	AL 5257	
A95454	AL 5454	2.68
A95456	AL 5456	2.66
A95652	AL 5652	
A96061	AL 6061	2.70
A96063	AL 6063	2.70
A97039	AL 7039	
A97050	AL 7050	
A97075	AL 7075	2.80
	AL 7075 ALCLAD	

UNS	MATERIAL	DENSIDAD (g/cm ³)
A97178	AL 7178	2.82
A07720	AA 772.0	
A03190	AA 319	2.79
A03191	AL 319.1	
A03192	AL 319.2	
A03330	AL 333	
A03331	AL 333.1	
A03550	AA 355	2.71
A03552	AL 355.2	2.68
A03561	AL 356.1	
A03562	AA 356.2	2.68
A03600	AL 360	
A03800	AL 380	
A03900	AL 390	
A04432	AA 443.2	
A05142	AL 514.2	
A05352	AL 535.2	
	MD 230	



COBRE Y ALEACIÓN DE COBRE

UNS	MATERIAL	DENSIDAD (g/cm ³)
C10100	CDA 101 OFE	8.89
C10200	CDA 102 OF	8.89
C10300	CDA 103	8.89
C11000	CDA 110 ETP	8.89
C11400	CDA 114 STP	
C12200	CDA 122 DHP	8.94
C15100	CDA 151	
C17200	CDA 172	8.23
C17300	CDA 173	
C18200	CDA 182	
C19400	CDA 194	
C19500	CDA 195	
C22000	CDA 220	8.80
C23000	CDA 230 Red Brass	8.75
C26000	CDA 260 Cartridge Brass	8.53
C26800	CDA 268 Yellow Brass	8.47
C27200	CDA 272	
C27400	CDA 274	
C28000	CDA 280 Muntz Metal	8.39
C31600	CDA 316	8.83
C33000	CDA 330	
C34500	CDA 345	
C35300	CDA 353	
C36000	CDA 360 FC Brass	8.49
C36500	CDA 365	
C44300	CDA 443 Admiralty Brass	8.52
C46400	CDA 464 Naval Brass	8.41
C48500	CDA 485 Leaded Naval	8.44
C51000	CDA 510 Phos.Bronze	8.86
C51900	CDA 519	
C52100	CDA 521	
C61000	CDA 610	
C61300	CDA 613	

UNS	MATERIAL	DENSIDAD (g/cm ³)
C61400	CDA 614 Al Bronze	
C62300	CDA 623	
C62400	CDA 624	
C62500	CDA 625	
C63000	CDA 630 Al Bronze	7.58
C63200	CDA 632	
C64200	CDA 642 Al Bronze	7.69
C65100	CDA 651	
C65500	CDA 655 High Silicon	8.52
C67300	CDA 673	
C67400	CDA 674	
C67500	CDA 675 Mn Bronze A	8.63
C67810	CDA 678	
C68700	CDA 687 Al Brass	8.33
C70440	CDA 704 (95/5)	
C70610	CDA 706	8.94
C71000	CDA 710 (80/20)	8.94
C71500	CDA 715 (70/30)	8.94
C72200	CDA 722	
C75200	CDA 752	
C83600	CDA 836	8.80
C83800	CDA 838	
C84400	CDA 844	
C84500	CDA 845	
C85200	CDA 852	
C85400	CDA 854	
C85700	CDA 857	
C86200	CDA 862	
C86300	CDA 863	
C86400	CDA 864	
C87500	CDA 875	
C90300	CDA 903 Tin Bronze	
C90500	CDA 905	8.73



UNS	MATERIAL	DENSIDAD (g/cm3)
C90700	CDA 907	
C91600	CDA 916	
C92200	CDA 922	
C92700	CDA 927	
C93200	CDA 932	8.91
C93700	CDA 937	
C94400	CDA 944	
C95300	CDA 953	
C95400	CDA 954	
C95500	CDA 955	
C95800	CDA 958	
C96200	CDA 962	
C96400	CDA 964	
C97800	CDA 978	
	K-COOPER	
	INOX3P	

CARBÓN Y ACEROS AL CARBONO

UNS	MATERIAL	DENSIDAD (g/cm3)
G10050	C1005	
G10080	C1008	
G10090	C1009	
G10100	C1010 Mild Steel	7.87
G10150	C1015 Mild Steel	7.87
G10180	C1018 Mild Steel	7.87
G10200	C1020 Mild Steel	7.87
G10260	C1026 Mild Steel	7.87
G10350	C1035	
G10400	C1040	
G10420	C1042	
G10450	C1045	
G10500	C1050	
G10600	C1060	
G10740	C1074	
G10750	C1075	

UNS	MATERIAL	DENSIDAD (g/cm3)
	C1076	
G10800	C1080	
G10950	C1095	
G11170	C1117	
	C11L17	
G11370	C1137	
G11410	C1141	
G11440	C1144	
G12144	C12L14	
G12150	C1215	
	C15830	
G41300	C4130	7.85
	C4130X	7.85
	C4130MOD	
G41400	C4140	7.85
	C4140C	
	C4140D	
	C41L40	
	C4L50	
G41420	C4142	
G41500	C4150	
G43300	C4330	7.85
	C4330V	
G43400	C4340	7.84
	C4340A	
	C4340B	
G52986	C52100	
G86200	C8620	
G86300	C8630	
G687400	C8740	
G93106	C9310	
K01200	A179	
K01201	A192	



CARBÓN Y ACEROS AL CARBONO

UNS	MATERIAL	DENSIDAD (g/cm ³)
	C1076	
G10800	C1080	
G10950	C1095	
G11170	C1117	
	C11L17	
G11370	C1137	
G11410	C1141	
G11440	C1144	
G12144	C12L14	
G12150	C1215	
	C15830	
G41300	C4130	7.85
	C4130X	7.85
	C4130MOD	
G41400	C4140	7.85
	C4140C	
	C4140D	
	C41L40	
	C4L50	
G41420	C4142	
G41500	C4150	
G43300	C4330	7.85
	C4330V	
G43400	C4340	7.84
	C4340A	
	C4340B	
G52986	C52100	
G86200	C8620	
G86300	C8630	
G687400	C8740	
G93106	C9310	
K01200	A179	
K01201	A192	

UNS	MATERIAL	DENSIDAD (g/cm ³)
K01800	A516 Gr 55	
	A213	
K01807	A214	
K02100	A516 Gr 60	7.6
K02303	A572 Gr 50	
K02400	A537 Cl1	
K02401	A515 Gr 60	
K02504	A53 Gr A	
K02600	A36	7.60
K02700	A516 Gr 70	7.60
K02801	A285 Gr C	7.60
K03000	A500 Gr B	
K03005	A53 Gr B	7.60
K03006	A333 Gr 6	
K03009	A350 Lf 1	
K03101	A515 G 70	7.60
K03300	A455	
K02707	A210 Gr A1	
K03501	A210 Gr C	
K03502	A181 Gr 2	
K03504	A105	8.00
K03506	A266 Cl 2	
K11430	A588 Gr A/COR-TEN B	7.60
K11510	A242 Type 1/COR-TEN A	7.89
K11547	A213 T2	
K11572	A182 F11 _(11/4 Cr, 1/2 Mo)	7.86
K11597	A213 T11	
	A513	
K11662	A514 Gr D	
K11757	A387 F12	
K11789	A387 F11	
K11804	A656 Gr 80	
	A694 Gr 52	



CARBÓN Y ACEROS AL CARBONO

UNS	MATERIAL	DENSIDAD (g/cm ³)
K11820	A204 Gr A	
K11856	A514 Gr A	
K12020	A204 Gr B	
K12022	A302 Gr B	
K12023	A209 T1a	
K12045	A541	
K12211	A441	
K12521	A533 Gr A	
K12539	A533 Gr B	
K12766	A508 Class 2	
K13502	A508 Cl1	
K20747	A710 Gr A	
K21590	A182 F22(2 ¼ Cr, 1 Mo)	7.86
K22375	A508 Class IV	
K24728	A355 Gr A	
K31820	HY80	
K32018	A203 Gr E	
K32045	HY100	
	HY130	
K41545	A387 F5	
K42544	A182 F5a(5 Cr, ½ Mo)	7.78
K81340	A553	
	A569	
	A606	
	A610	
	A611	7.87
K90941	A182 F9(9 Cr, 1Mo)	7.67
NO8705	HP	
	HP50	
K91283	HP 9-4-30	
K92890	Nimark 250	
	A120	
	A283 Gr C	7.60

UNS	MATERIAL	DENSIDAD (g/cm ³)
S50300	A182 F7	7.78
S50400	A199T9	
S50200	A387 Gr 5	
	Manganese Steel	
K44220	300M	
S50300	A182 F7	7.78
S50400	A199T9	

ACEROS ESPECIALES Y GALVANIZADOS

UNS	MATERIAL	DENSIDAD (g/cm ³)
	Aluminized Steel	
	Caroline 505	
	Chrome Plated Steel	
	Galvanized 56	
	Galvanized Steel	
	Terne Steel	
	Tin Plated Carbon-Steel	
	Tin Plated Steel	



**ACEROS RESISTENTES A LA
CORROSIÓN Y AL CALOR
& ACEROS INOXIDABLES**

UNS	MATERIAL	DENSIDAD (g/cm ³)
S13800	13-8 PH Mo	
S15500	15-5 PH	7.80
S15700	15-7 PH Mo	7.80
	15B30	
S17400	17-4 PH	7.80
S17700	17-7 PH	7.80
K14675	17-22A	
K23015	17-22AS	
	18SR	
S16100	CROLOY 16-1	
S20100	201L	7.94
S20300	203	
S30100	301	7.90
S30200	302	7.94
	302 HQ	
S30300	303	7.90
	303 (P-70)	
S30323	303Se	
S30400	304	7.94
S30403	304L	7.94
S30409	304H	
	304 .25%B	
	304 1%B	
S30451	304N	
S30453	304LN	
S30800	308	8.00
S30883	308L	
S30900	309	7.98
S30908	309S	
S31000	310	7.98
S31008	310S	7.98
S31009	310H	
S31600	316	7.85

UNS	MATERIAL	DENSIDAD (g/cm ³)
S31603	316L	7.98
	316LM	7.98
S31653	316LN	
S31635	316Ti	7.98
S31700	317	7.98
S31703	317L	7.98
S31725	317LM	7.98
S31753	317LN	7.90
	317LNMo	7.98
S32100	321	7.90
S32900	329	7.98
N08330	330	8.03
N06333	33	8.24
S34700	347	8.03
S34800	348	
S40300	403	7.70
S40500	405	7.80
	406A1	
	406A2	
	406A4	
S40900	409	7.64
S41000	410	7.70
S41008	410S	
S41600	416	7.70
S41800	418	
S42000	420	7.70
S42020	420F	
S42200	422	
S43000	430	7.72
S43036	430Ti	
S43100	431	7.73
S43700	437	
S43035	439	7.64



ACEROS RESISTENTES A LA CORROSIÓN Y AL CALOR & ACEROS INOXIDABLES

UNS	MATERIAL	DENSIDAD (g/cm ³)
S44002	440A	7.70
S44004	440C	7.70
S44100	441	
S44400	444	
S44600	446	7.65
N08904	904L	8.00
	904LN	
S21460	XM-14 (Tenelon)	
S38100	XM-15	
S66286	A-286	7.90
S35000	AM 350	7.81
S35500	AM 355	7.91
	AM 363	
	Maraging 250	
	Maraging 300	
	Maraging 350	

ALEACIONES DE NÍQUEL

UNS	MATERIAL	DENSIDAD (g/cm ³)
N99645	Colmonoy 45	
N99646	Colmonoy 46	
N13100	IN 100	
N06003	Nichrome 5	
N06004	Nichrome 60	
N06008	Nichrome 70	
	Nimonic 105	
	Nichrome 3228	

METALES PUROS

UNS	MATERIAL	DENSIDAD (g/cm ³)
	Berium B10	
	Cadmium	8.65
R2XXXX	Chromium	7.19
R30XXX	Cobalt	8.85
	Copper	8.89
P00020	Gold (99.95)	18.88
	Hafnium	13.10
	Indium	
	Iron	7.87
	Lead	11.35
MIXXXX	Magnesium	1.74
	Manganese	7.21/7.44
R03XXX	Molybdenum	10.22
	Nickel	8.57
	Niobium	8.57
P03980	Palladium	12.02
P04995	Platinum	21.45
	Silicon	2.33
P07010	Silver	10.50
R05XXX	Tantalum	16.65
	Tin	7.30
R07005	Tungsten	19.30
	Vanadium	
	Zinc	7.13



METALES REACTIVOS Y REFRACTARIOS

UNS	MATERIAL	DENSIDAD (g/cm ³)
	Colubium 85	
	Tantaloy "60"	
	Tantaloy "63"	
	60/Ta-40/Co	12.10
R03640	Molybdenum (TZM)	10.22
R30003	Elgiloy	8.30
R30035	MP35N	8.91
	Ti Beta 21S	
	Ti Di-Boride	
R50250	Ti Gr 1	4.52
R50400	Ti Gr 2 (cp)	4.52
R58010	Ti 3-11-13	
R50700	Ti Gr 4	
R54521	Ti 5-2.5	
R56210	Ti 6-2-1-1	
R54620	Ti 6-2-2-4	
R56401	Ti 6-4ELI	
R56260	Ti 6-6-2-4	
R56400	Ti Gr 5 (6 AL, 4 V)	4.43
R52400	Ti Gr 7	4.52
R54810	Ti 8-1-1	
	Ti Gr 9	4.52
R52250	Ti Gr 11	4.52
R53400	Ti Gr 12	4.43
	Ti 15-3-3-3	
	Ti 25MO	
	Ti Gr 444	
	Ti Gr 450	
	Ti Gr 479	
R58640	Beta C-Ti	4.82
	HD17 Tungsten	
	KBI 40	
	KBI 41	

UNS	MATERIAL	DENSIDAD (g/cm ³)
	Tribocor 532	
R60702	Zirconium 702	6.10
R60704	Zirconium 704	6.52
R60705	Zirconium 705	6.51
R60802	Zircalloy II	6.56
R60804	Zircalloy IV	6.56

ALEACIONES DE MAGNESIO

UNS	MATERIAL	DENSIDAD (g/cm ³)
M10410	Magnesium AS41S	
M11311	Magnesium AZ31B	
	Magnesium WE43	
	Magnesium ZC71	
M11910	Magnesium AZ91A	
M12330	Magenesium EZ33A	
M16400	Magenesium ZK40A	
M16410	Magenesium ZE41A	



ACERO INSTRUMENTAL

UNS	MATERIAL	DENSIDAD (g/cm ³)
T11302	M2	8.16
T11304	M4	
	M35-1	
T11342	M42	
T11350	M50	
	M509	
T12001	T1	8.67
T20811	H11	
T20812	H12	
T20813	H13	7.79
T20821	H21	
T30102	A2	7.86
T30106	A6	
T30110	A10	
T30402	D2	7.76
T30404	D4	
T30407	D7	
T31501	01	
T31502	02	
T31506	06	
T41901	S1	
T41905	S5	
T41906	S6	
T41907	S7	
T51620	P20	
T61206	L6	7.86
T72301	W1	
	CPM10V	
	AZ	
	CRB-7	
T20813	H13	7.79
	M73	
	Silicon Carbide	
	KZ-84 Carbide	
	KZ-94 Carbide	
	Titanium Carbide	
	Tungsten-Carbide C-2	14.85

UNS	MATERIAL	DENSIDAD (g/cm ³)
	Tungsten-Carbide 6% NI	
	Tungsten-Carbide 8% CO	
	Tungsten 2% TH	

ALEACIONES SOLDADAS

UNS	MATERIAL	DENSIDAD (g/cm ³)
L50113	2.5 Sn/97/ Pb/0.5 Ag	
L50750	Calcium Sn Pb	
L51120	Lead (Chemical)	
L52605	Lead with 1% Sb	
L52901	Lead with 4% Sb	
L53105	Lead with 6% Sb	
L54320	5 Sn/95 Pb	11.0
	3 Sn/97 Pb	
L54520	10 Sn/90 Pb	10.90
L54710	20 Sn/80 Pb	10.20
L54820	30 Sn/70 Pb Alloy A	
L54821	30 Sn/70 Pb AlloyB	
L54822	30 Sn/70 Pb Alloy C	
L54915	40 Sn/60 Pb	9.31
L55030	50 Sn/50 Pb	8.89
	60 Sn/40 Pb	8.42
	70 Sn/30 Pb	
	92.5 Sn/7Pb/0.5 Ag	
P07500	Silver Solder B AG1A	
P07501	Silver Solder B AG3	
P07720	Silver Solder B AG8	
	Anti-Friction Babbit	
	DZL Tin Babbit	
	Modine	
	Lead Babbit	
	Tin Babbit	
	ZAMAK 3	
	ZAMAK 5	



NO METALES

UNS	MATERIAL	DENSIDAD (g/cm3)
	ABS	
	Acetal	
	Acrylic	
	AD85 Ceramic	
	Buna-N	
	Butyl Rubber	
	Ceramic	
	Chlorobutyl	
	Clear Vinyl	
	CPVC	
	Cured Rubber	
	Delrin	
	Delrin Black	
	EPDM-42	
	EPDM-60	
	EPDM-70	0.86
	EPDM-80	
	Ethylene Propylene Teropolymer	
	FRP	
	Graphitar 14	
	Graphite	1.91
	Halar	
	Hypalon	
	Kalrez	
	Kanthal A1	
	Kanthal D	
	Kel-F	
	Kynar	1.75
	Lexan	1.20
	Neoprene	1.40
	NORYL EN-265	
	Nylatron GS	
	Nylon	
	Nylon 66	
	Nylon 101	
	Penlon	

UNS	MATERIAL	DENSIDAD (g/cm3)
	Phenolic	
	Plexiglass	
	Polystyrene	
	Polyamide-Nylon	
	Polycarbonate	
	Polyetheretherketone (PEEK)	
	Polyethylene-Crosslink	
	Polyethylene-High density	0.952
	Polyethylene-Low density	0.923
	Polyethylene-UHMW	
	Polypropylene	0.905
	Polyurethane	
	Polyvinylchloride (PVC)	1.39
	Porcelain CTD	
	PVA	
	PVCCL	
	Pyrex	
	Quartz	
	Roulon	
	Rubber	
	Ryton	
	Si C Ceramic	
	Si C Hexaloy	
	Silicon Lump	
	Silicon Rubber	
	Teflon	2.16
	Teflon FEP	
	Teflon GL/F	
	Teflon PFA	
	Teflon PTFE	
	Tefzel	
	Ultra High Molecular Polyethylene	
	Viton	
	Viton A	
	Viton B	



ALEACIONES MISCELÁNEAS

UNS	MATERIAL	DENSIDAD (g/cm ³)
	128 Gr C	
	422	
	ABEX-SPA	
	ABEX-HC-250	
	Alloyco N-3	
F10005	Grey Cast Iron G-2 C50	
F11401	Grey Cast Iron CL20	
F12101	Grey Cast Iron Type G-1 CL30	
F12401	Grey Cast Iron CL35	6.97
F12801	Grey Cast Iron Type G-2 CL40	
F13502	Grey Cast Iron CL50	
F32800	Ductile Cast Iron Type 60-40-18	
F33100	Ductile Cast Iron Type 65-45-12	
F33107	Ductile Cast Iron Type 60-45-10	
	Ductile Cast Iron Type 70-50-05	
F33800	Ductile Cast Iron Type 80-55-06	
F45000	A532 CLI Type A	
F45003	A532 CLI Type D	
F45009	A532 CL3	
F43010	A571	
J91309	A128 GRC	
J02502	A218 WCA Cast Steel	
J03002	A216 WCB Cast Steel	
J42045	A217-C5	
J22000	A217-Wc5	
J03000	A27 GR60-30	
J03001	A-27 GR65-35	
J02501	A27 GR70-40	
J03008	B STEEL	
J91150	CA-15	7.61
J91540	CA-6NM	
J92110	CB-7 Cu2	
J92200	CB-7 Cu1	

UNS	MATERIAL	DENSIDAD (g/cm ³)
J92600	CF-8	7.75
J92602	CF-20	7.75
J92700	CF-3	
J92701	CF-16F	7.75
J92710	CF-8C	7.75
J92800	CF-3M	7.75
J92900	CF-8M	7.75
J93000	CG-8M	7.75
J93370	CD-4MCu	7.81
J95150	CN-7M	8.00
N06040	CY40	
N02100	CZ100	
	CW2M	
	CW12M	
	CW6MC	
	CW7M	
S45100	F6NM	
J93005	HD	
J93403	HE	
J92603	HF	
J93503	HH	
J94204	HK40	
J94224	HK50	
J94605	HT	
	N7M	
	N12M	
	NI HARD I	
	NI HARD IV	
	NIRESIST Type 1	7.32
	NIRESIST Type 2	
	NIRESIST Type 2B	
J03006	WPB	



ALEACIONES DE ALLEGHENY LUDLUM CORPORATION

UNS	MATERIAL	DENSIDAD (g/cm ³)
N06002	ALTEMP® HX	8.26
S15500	AIL 15-5™	
S15700	AL 15-7™	
S17700	AL 17-7™	7.80
N08904	AL-904L™	8.00
N08366	AL-6X	
N08367	AL-6XN®	8.04
N08020	AL 20™	7.85
S44400	18 Cr2Mo	7.80
S44627	E-BRITE®	7.67
S44700	AL 29-4®	7.72
S44735	AL 29-4C®	7.65
S44800	AL 29-4-2®	7.70
S31725	317LX™	8.00
S31726	317LXN™	8.00
	ALFA I™	7.38
	ALFA II™	7.34
	ALFA IV™	7.23
S66286	ALTEMP® A-286	7.96
N02201	AL 201™	8.90
S66286	AL 276™	8.90
S35000	AM 350™	7.81
S35500	AM 355™	7.91
S43035	439	7.68
S40900	409	7.72
N06600	AL 600™	8.42
N06601	AL 601™	8.05
N06625	ALTEMP® 625	8.40
N07718	ALTEMP® 718	8.23
N08800	AL 800™	8.03
N08810	AL 800H™	8.03
N08811	AL 800 AT™	8.03
N08825	AL 825™	8.13

UNS	MATERIAL	DENSIDAD (g/cm ³)
S31803	AL 2205™	7.88
S21904	AL 219™ (21-6-9)	7.85
S30908	309S	
S31008	310S	7.98
S32550	AL 255™	7.81
N08700	AL700	7.95
N10665	Alloy B2	9.22
N06985	Alloy G3	8.34
N06022	Alloy 22	8.69
S24000	AL 33™	7.84
S20910	AL 50™	7.95
	AL 418 SP	7.86
	(Greek Ascology)	
S30300	303	7.90
	304 Nuclear	7.94
	304L Nuclear	
	304LN Nuclear	
	316 Nuclear	8.03
	316L Nuclear	
	316LN Nuclear	
	316LM	
S40500	405	7.75
S41000	410	7.65
S41008	410S	7.70
S42000	420	7.73
S44004	440C	7.74
N02200	AL 200	8.90
N04400	AL 400	8.83



ALEACIONES MISCELÁNEAS DE TUBERÍAS

UNS	MATERIAL	DENSIDAD (g/cm3)
K03006	A106 GrB	
	A178	
	AP15LX-42	
	AP15LX-52	
	AP15LX-60	
	AP15LX-65	
	AP15LX-70	
	API Gr5L (ASTM A53)	7.87
	C56	
	C75	
	C90	
	C95	
	J55	7.86
	K55	7.86
	L80	7.86
	N80	7.86
	P105	
	P110	
	Q125	
	Zeron 100	

ALEACIONES DE AL TECH SPECIALTY CORPORATION

UNS	MATERIAL	DENSIDAD (g/cm3)
S20300	203 EZ	
S30200	302	7.94
	303 EZ	
S30400	304	7.94
S30403	304L	7.94
S30900	309	7.98
S31000	310	7.98
S31600	316	7.98
	316 C	
S32100	321	7.90
S34700	347	8.02
S41000	410	7.70
	416 EZ	
	416 F	
S42000	420	7.70
S43000	430	7.72
S43020	430 F	7.70
S44004	440 C	7.75
	AL630-17 Cr 4Ni	
	418 Special	

ALEACIONES DE DURIRON

UNS	MATERIAL	DENSIDAD (g/cm3)
	Durco CW6M (Chlorimet 3)	9.00
J92600	Durco CF8	7.76
J92900	Durco CF8M	7.76
	Durco N-7M (Chlorimet 2)	9.22
J93370	Durco CD-4MCu	
J93900	Durcomet 5	7.85
	Durco M35	8.65
	Durichlor 51	7.06
N08007	Durimet 20 (CN-7M)	7.96
	Duriod 7101	
	Duriod 7107	
	Duriod 7201	
	Duriod 7301	

ALEACIONES DE DELTA CENTRIFUGAL

UNS	MATERIAL	DENSIDAD (g/cm3)
	WCA Cast Steel	
	WCB Cast Steel	



ALEACIONES DE CARPENTER TECHNOLOGY CORPORATION

UNS	MATERIAL	DENSIDAD (g/cm ³)
N08020	20Cb3®	8.08
N08024	20Mo4®	8.11
N08026	20Mo6®	8.13
N20910	22 Cr-13 NI-5 Mn	7.88
S28200	18-18 PLUS®	7.88
S45000	CUSTOM 450®	7.75
S45500	CUSTOM 455®	7.76
N07716	CUSTOM AGE 625 PLUS®	8.40
S32950	7 Mo PLUS®	7.75
N07031	PYROMET 31®	7.99
S30430	CUSTOM FLO 302 HQ	7.92
S30300	PROJECT 70® Type 303	7.83
N06600	PYROMET® 600	8.43
R30605	L605	9.20
S66286	CONSUMET® A286	7.92
	HyMu 77	
	HyMu 80®	8.74
	High Permability 45	
	High Permability 49®	8.18
	NI MARK ®250	8.02
	Temp.Compensator 30	8.70
	Temp.Compensator 32	8.12
K93601	CARPENTER INVAR® 36	8.05
K94610	KOVAR®	8.36
K94100	Glass Sealing 42	8.12
N14052	Glass Sealing 52	

ALEACIONES DE AVESTA STAINLESS, INC.

UNS	MATERIAL	DENSIDAD (g/cm ³)
S31803	Avesta 2205 Code Plus Two	7.80
S30415	Avesta 153 MA	
S30815	Avesta 253 MA	
S31254	Avesta 254SMO	8.00
	Avesta 654SMO	
S44400	ELI-T 18-2	7.70
S44635	Nu Monit	7.80
	744 LN	
N08904	904L	8.00
	904LN	
N08028	928L	
S31500	3RE60	7.70
S31653	316LN (2.7 Mo)	8.00
S31726	317 LMN	8.00
	34LN	
S31200	44LN (25-6-1LN)	7.70

ALEACIONES DE DELORO STELLITE

UNS	MATERIAL	DENSIDAD (g/cm ³)
	DELORO 40	8.20
R30001	STELLITE #1	8.69
	STELLITE #3	8.69
	STELLITE #4	8.73
R30006	STELLITE #6	8.46
R30006	STELLITE #6B (Wrought Alloy)	8.46
	TRIBALLOY 400	8.99
	TRIBALLOY 700	8.72
	TRIBALLOY 800	8.64



ALEACIONES DE HAYNES INTERNATIONAL

UNS	MATERIAL	DENSIDAD (g/cm3)
N10001	HASTELLOY B alloy	9.24
N10665	HASTELLOY® B-2 alloy	9.20
N10675	HASTELLOY™ B-3 alloy	9.20
N10002	HASTELLOY C alloy	8.93
	HASTELLOY C4C	
N06455	HASTELLOY C-4 alloy	8.60
N06022	HASTELLOY C-22™ alloy	8.60
N10276	HASTELLOY C-276 alloy	8.80
N06007	HASTELLOY G	8.27
N06985	HASTELLOY G-3 alloy	8.27
N06030	HASTELLOY G-30® alloy	8.22
	HASTELLOY H	
N10003	HASTELLOY N alloy	8.93
N06635	HASTELLOY S alloy	8.75
N10004	HASTELLOY W alloy	9.00
N06002	HASTELLOY X alloy	8.23
N08320	HASTELLOY 20MOD	
R30605	HAYNES® 25 alloy	9.13
R30188	HAYNES 188 alloy	8.98
N07214	HAYNES 214™ alloy	8.05
N06230	HAYNES 230™ alloy	8.83
	HAYNES 242™ alloy	9.06
N07263	HAYNES 263 alloy	8.37
N53528	HAYNES 535 alloy	
R30556	HAYNES 556™ alloy	8.23
N06625	HAYNES 625 alloy	8.45
	HAYNES 716 alloy	
N07718	HAYNES 718 alloy	8.23
	HAYNES 8727 alloy	
N12160	HAYNES HR-160™ alloy	8.01
N08120	HAYNES HR-120™ alloy	8.07
N07041	HAYNES R-41 alloy	8.25

UNS	MATERIAL	DENSIDAD (g/cm3)
R30155	MULTIMET alloy	8.19
R30012	ST12	
R30021	ST21	
R30031	ST31	
	STN1	
R31233	ULTIMET™ alloy	8.47
N07001	WASPALLOY® alloy	8.20

ALEACIONES DE CREUSOT-MARREL

UNS	MATERIAL	DENSIDAD (g/cm3)
S31635	164T (316 Ti)	
	164 HE (316N)	
S31653	166 HE (316LN)	
	167 SPH (316L Nuclear)	
S31753	317 LN	7.90
S31726	317 LMN (4.0 MIN)	
	473 BC (304L Nuclear)	
	AMCR	
	UR 16	
S32304	UR 35N	
S31803	UR 45N	7.80
S32550m	UR 47N (S32550 MOD.NO Cu)	7.81
S32550	UR 52N	
N08904	UR B6 (904L)	8.00
N08932	UR SB8	
N06600	UR 600	
N06625	UR 625	8.44
N08800	UR 800	
N08825	UR 825	
	A516 GR70 HIC RESISTANT	



ALEACIONES DE INCO ALLOYS INTERNATIONAL

UNS	MATERIAL	DENSIDAD (g/cm3)
N02200	Nickel 200	8.89
N02201	Nickel 201	8.89
N02205	Nickel 205	8.89
N03301	DURANICKEL® ALLOY 301	
N04400	MONEL® Alloy 400	8.80
N04405	MONEL® Alloy R-405	8.80
C71500	MONEL® Alloy 450	8.91
N05500	MONEL® Alloy K-500	8.44
	MONEL® Alloy S	
N06600	INCONEL® Alloy 600	8.47
N06601	INCONEL® Alloy 601	8.11
	INCONEL® Alloy 601GC	
N06617	INCONEL® Alloy 617	8.36
N06022	INCONEL® Alloy 622	8.61
N06625	INCONEL® Alloy 625	8.44
	INCONEL® Alloy 625LCF	
	INCONEL® Alloy 671	7.86
	INCONEL® Alloy 672	
N06686	INCONEL® Alloy 686	8.73
N06690	INCONEL® Alloy 690	8.19
N09706	INCONEL® Alloy 706	8.05
N07713	INCONEL® Alloy 713	
N07718	INCONEL® Alloy 718	8.19
	INCONEL® Alloy 718SPF	
N07725	INCONEL® Alloy 725	
N07750	INCONEL® Alloy X-750	8.28
	INCONEL® Alloy 751	
N07754	INCONEL® Alloy MA754	8.30
	INCONEL® Alloy MA758	8.14
	INCONEL® Alloy 783	
	INCOLOY® Alloy Ds	7.86
N08800	INCOLOY® Alloy 800	7.94

UNS	MATERIAL	DENSIDAD (g/cm3)
N08811	INCOLOY® Alloy 800 HT	7.94
N08802	INCOLOY® Alloy 802	
	INCOLOY® Alloy 803	
N06804	INCONEL® Alloy 804	7.92
N088825	INCOLOY® Alloy 825	8.14
	INCONEL® Alloy 838	
N19903	INCOLOY® Alloy 903	8.30
N19907	INCOLOY® Alloy 907	8.30
N19909	INCOLOY® Alloy 909	8.30
N09925	INCOLOY® Alloy 925	8.05
	INCOLOY® Alloy MA956	7.25
S66286	INCO® Alloy A-286	7.94
N10276	INCO® Alloy C-276	8.89
N06985	INCO® Alloy G-3	8.14
N06002	INCO® Alloy HX	8.23
N08926	INCO® Alloy 25-6MO	8.20
	INCO® Alloy MS 250	7.92
N08020	INCO® Alloy 020	8.05
N08330	INCO® Alloy 330	8.08
N06075	NIMONIC® Alloy 75	8.37
N07080	NIMONIC® Alloy 80 ^a	8.19
N07090	NIMONIC® Alloy 90	8.18
	NIMONIC® Alloy 105	8.01
N07263	NIMONIC® Alloy 263	8.36
N09901	NIMONIC® Alloy 901	8.14
K93600	NILO® Alloy 36	8.11
K94100	NILO® Alloy 42	8.11
K94610	NILO® Alloy K	8.16
	NILOMAG® Alloy 77	8.77
N06004	BRIGHTRAY® Alloy B	8.30
N06003	BRIGHTRAY Alloy C	8.30



ALEACIONES DE KUBOTA

UNS	MATERIAL	DENSIDAD (g/cm ³)
	KCR-D183	
	KCR-171	
	KCR-271	
	KCR-283	

ALEACIONES DE LATROBE

UNS	MATERIAL	DENSIDAD (g/cm ³)
R30035	MP35N	8.41
R30159	MP159	8.36
S44004	440C	7.75
S42700	BG 42	7.75
S64152	Jethete M152	7.75
	403+Cb	
S15500	15-5 ph	7.81
S17400	17-4 PH	7.75
S13800	PH 13-8 Mo	7.72

ALEACIONES DE MANNESMANN PIPE & STEEL CORP.

UNS	MATERIAL	DENSIDAD (g/cm ³)
S42000	MW Cr 13	
S31803	MW AF 22	
S32750	MW AF 25	
N08028	MW 2832	
N08825	MW 2242	
N06975	MW 2550	
N10276	MW 1560 Mo	

ALEACIONES DE NIPPON KOKAN K.K.

UNS	MATERIAL	DENSIDAD (g/cm ³)
	CR35A	
	NK-NI-42	
	NK-NI-52	
	NKK-CR22-65	
	NKK-CR22-125	
	NK-NIC 52-110	

ALEACIONES DE NIPPON STEEL CORP.

UNS	MATERIAL	DENSIDAD (g/cm ³)
	NT-13CR-75	
	NT-DX-75SS	
	NT-DX 130SS	

ALEACIONES DE REPUBLIC ENGINEERED STEELS

UNS	MATERIAL	DENSIDAD (g/cm ³)
	Nitronic 30	
S24100	Nitronic 32	7.78
S24000	Nitronic 33	7.75
S21900	Nitronic 40	7.83
S20910	Nitronic 50	7.88
S21800	Nitronic 60	7.62
	Tribonic 20	7.60
S13800	PH 13-8 Mo	7.76
S15500	15-5 PH	7.80
S17400	17-4 PH	7.80



ALEACIONES DE RMI TITANIUM

UNS	MATERIAL	DENSIDAD (g/cm3)
R50250	Ti Gr 1	4.52
R50400	Ti Gr 2	4.52
R50550	Ti Gr 3	4.52
R50700	Ti Gr 4	
R56400	Ti Gr 5	4.44
R52400	Ti Gr 7	4.52
R56320	Ti Gr 9	4.52
R52250	Ti Gr 11	4.52
R53400	Ti Gr 12	4.43
	Ti Gr 16	4.52
	Ti Gr 18	4.52
R58640	Beta C Ti (ST)	4.82
	Beta C Ti (STA)	4.82

ALEACIONES DE SANDUSKY FOUNDRY CASTINGS

UNS	MATERIAL	DENSIDAD (g/cm3)
	ALLOY 75	
	1N BRONZE	8.86

ALEACIONES DE SANDVIK STEEL CO.

UNS	MATERIAL	DENSIDAD (g/cm3)
N08028	SANICRO 28	8.10
	2RE10	8.00
	2RE69	7.80
S31500	3RE60	7.70
N08904	2RK65(904L)	8.00
S31803	SAF 2205	7.80
S32304	SAF 2304	7.70
	SAF 2507	8.00

ALEACIONES DE ROLLED ALLOYS

UNS	MATERIAL	DENSIDAD (g/cm3)
S30415	RA153MA	
S30815	RA253MA	7.80
S35315	RA353MA	
S30908	RA 309	7.89
S31008	RA 310	7.86
N08330	RA 330	7.94
N06333	RA 333	8.14
S44600	RA 446	7.47
S30615	RA85H	7.59
N08367	AL-6XN	8.06
N06600	RA600	8.47
N06601	RA601	8.11
S32100	RA321	
N08904	RA904L	

ALEACIONES DE SPECIAL METALS

UNS	MATERIAL	DENSIDAD (g/cm3)
N07500	Udimet 500	
	Udimet 700	
	Udimet 720	



ALEACIONES DE TELEDYNE ALLVAC

UNS	MATERIAL	DENSIDAD (g/cm ³)
N06110	ALLCORR	8.33
	ALLVAC ASTROLOY	7.91
N07041	ALLVAC RENE 41	8.24
N07001	ALLVAC WASPALOY	8.19
R54520	ALLVAC 5-2-5	4.45
R56400	ALLVAC 6-4	4.43
R56402	ALLVAC 6-4 ELI	4.48
R56620	ALLVAC 6-6-2	4.54
R54810	ALLVAC 8-1-1	4.31
	ALLVAC 520	8.22
N07718	ALLVAC 718	8.19
	ALLVAC 720	8.08
	ALLVAC 1410	7.84
S66286	NICKELVAC A-286	7.92
N10276	NICKELVAC C-276	8.89
	NICKELVAC F-75	8.30
N10665	NICKELVAC HB-2	9.22
N06002	NICKELVAC H-X	8.22
N05500	NICKELVAC K-500	8.47
K92890	NICKELVAC M-250	8.00
K93120	NICKELVAC M-300	8.00
S31600	NICKELVAC R-26	8.19
N07722	NICKELVAC W-722	8.24
N07750	NICKELVAC X-750	8.30
N08020	NICKELVAC 23	8.06
N04400	NICKELVAC 400	8.83
N06600	NICKELVAC 600	8.41
N06625	NICKELVAC 625	8.44

ALEACIONES DE STAINLESS FOUNDRY & ENGINEERING, INC.

UNS	MATERIAL	DENSIDAD (g/cm ³)
	ILLIUM 98	
	ILLIUM 98 HF	
	ILLIUM B	
	ILLIUM G	
	ILLIUM P	
	ILLIUM PD	

ALEACIONES DE SUMITOMO CORPORATION

UNS	MATERIAL	DENSIDAD (g/cm ³)
	SM 22 CR-65	
	SM 22 CR-125	
	SM 25 CR-75	
	SM 25 CR-110	
	SM 25 CR-140	
	SM-IN 825-125	
	SM-IN 825-110	
	SM 2035-110	
	SM 2535-110	
	SM 2550-110	



ALEACIONES DE TELEDYNE VASCO

UNS	MATERIAL	DENSIDAD (g/cm3)
	Vasco Max T-200	
	Vasco Max T-250	
	Vasco Max T-300	
	Vasco Max C-250	
	Vasco Max C-300	
	Vasco Max C-350	
	Vasco 734	
	Vasco 13-8 AHS	
	Vasco 455 AHS	

ALEACIONES DE TELEDYNE WAH CHANG

UNS	MATERIAL	DENSIDAD (g/cm3)
R60702	Zircadyne 702	6.51
R60705	Zircadyne 705	6.64
R60001	Zirconium R/Gr	6.51
R60802	Zircaloy-2	6.56
R60804	Zircaloy-4	6.56
R60901	Zr 2.5 Cb (NNb)	6.64

ALEACIONES DE VDM TECHNOLOGIES CORPORATION

ALEACIONES DE TRENT TUBE DIV. OF CRUCIBLE MATERIALS

UNS	MATERIAL	DENSIDAD (g/cm3)
K93601	INVAR 36	8.05
N08020	20Cb3	8.08
N08367	AL6XN	8.06
S17700	17-7 PH	7.81
S30453	304LN	7.94
S31725	317LM	7.91
S31803	Trent 2205	7.83
S43000	430	7.70
S43035	Trent Type 439L	7.75
S44660	SEA-CURE	7.74

UNS	MATERIAL	DENSIDAD (g/cm3)
	1815CSI	
N08925	Cronifer 1925hMo	8.10
	2521LC	
	2522LCN	
N08031	Nicrofer 312hMo	8.10
N08020	Nicrofer 3620Nb	8.05
	4221hMO	
N06985	Nicrofer 4823hMo	8.30
N10276	Nicrofer 5716hMoW	8.89
N06059	Nicrofer 5923hMo	8.80
R20033	Nicrofer 3033	
N06025	Nicrofer 6025HT	
N06045	Nicrofer 45TM	
N10629	Nimofer 6629	

ALEACIONES DE WAUKESHA FOUNDRY INC.

UNS	MATERIAL	DENSIDAD (g/cm3)
	3 WM	
	23 BIWM	
	54C	
	88 WM	
	119 WM	
	EM-27	
	HC250	

