



RELACÃO DO AÇO						
ELEMENTO	AÇO	N	DIMAT	Q	UMF	C.TOTAL
P2-L2	60	5,0	28	56	31	28671
P2-L2	60	10,0	56	112	62	57342
P2-L2	60	15,0	84	168	93	86013
P2-L2	60	20,0	112	224	124	114686
P2-L2	60	25,0	140	280	155	143357
P2-L2	60	30,0	168	336	187	172028
P2-L2	60	35,0	196	392	219	200699
P2-L2	60	40,0	224	448	251	229370
P2-L2	60	45,0	252	504	283	258041
P2-L2	60	50,0	280	560	315	286712
P2-L2	60	55,0	308	616	347	315383
P2-L2	60	60,0	336	672	379	344054
P2-L2	60	65,0	364	728	411	372725
P2-L2	60	70,0	392	784	443	401396
P2-L2	60	75,0	420	840	475	430067
P2-L2	60	80,0	448	896	507	458738
P2-L2	60	85,0	476	952	539	487409
P2-L2	60	90,0	504	1008	571	516080
P2-L2	60	95,0	532	1064	603	544751
P2-L2	60	100,0	560	1120	635	573422
P2-L2	60	105,0	588	1176	667	602093
P2-L2	60	110,0	616	1232	699	630764
P2-L2	60	115,0	644	1288	731	659435
P2-L2	60	120,0	672	1344	763	688106
P2-L2	60	125,0	700	1400	795	716777
P2-L2	60	130,0	728	1456	827	745448
P2-L2	60	135,0	756	1512	859	774119
P2-L2	60	140,0	784	1568	891	802790
P2-L2	60	145,0	812	1624	923	831461
P2-L2	60	150,0	840	1680	955	860132
P2-L2	60	155,0	868	1736	987	888803
P2-L2	60	160,0	896	1792	1019	917474
P2-L2	60	165,0	924	1848	1051	946145
P2-L2	60	170,0	952	1904	1083	974816
P2-L2	60	175,0	980	1960	1115	1003487
P2-L2	60	180,0	1008	2016	1147	1032158
P2-L2	60	185,0	1036	2072	1179	1060829
P2-L2	60	190,0	1064	2128	1211	1089500
P2-L2	60	195,0	1092	2184	1243	1118171
P2-L2	60	200,0	1120	2240	1275	1146842
P2-L2	60	205,0	1148	2296	1307	1175513
P2-L2	60	210,0	1176	2352	1339	1204184
P2-L2	60	215,0	1204	2408	1371	1232855
P2-L2	60	220,0	1232	2464	1403	1261526
P2-L2	60	225,0	1260	2520	1435	1290197
P2-L2	60	230,0	1288	2576	1467	1318868
P2-L2	60	235,0	1316	2632	1499	1347539
P2-L2	60	240,0	1344	2688	1531	1376210
P2-L2	60	245,0	1372	2744	1563	1404881
P2-L2	60	250,0	1400	2800	1595	1433552
P2-L2	60	255,0	1428	2856	1627	1462223
P2-L2	60	260,0	1456	2912	1659	1490894
P2-L2	60	265,0	1484	2968	1691	1519565
P2-L2	60	270,0	1512	3024	1723	1548236
P2-L2	60	275,0	1540	3080	1755	1576907
P2-L2	60	280,0	1568	3136	1787	1605578
P2-L2	60	285,0	1596	3192	1819	1634249
P2-L2	60	290,0	1624	3248	1851	1662920
P2-L2	60	295,0	1652	3304	1883	1691591
P2-L2	60	300,0	1680	3360	1915	1720262
P2-L2	60	305,0	1708	3416	1947	1748933
P2-L2	60	310,0	1736	3472	1979	1777604
P2-L2	60	315,0	1764	3528	2011	1806275
P2-L2	60	320,0	1792	3584	2043	1834946
P2-L2	60	325,0	1820	3640	2075	1863617
P2-L2	60	330,0	1848	3696	2107	1892288
P2-L2	60	335,0	1876	3752	2139	1920959
P2-L2	60	340,0	1904	3808	2171	1949630
P2-L2	60	345,0	1932	3864	2203	1978301
P2-L2	60	350,0	1960	3920	2235	2006972
P2-L2	60	355,0	1988	3976	2267	2035643
P2-L2	60	360,0	2016	4032	2299	2064314
P2-L2	60	365,0	2044	4088	2331	2092985
P2-L2	60	370,0	2072	4144	2363	2121656
P2-L2	60	375,0	2100	4200	2395	2150327
P2-L2	60	380,0	2128	4256	2427	2178998
P2-L2	60	385,0	2156	4312	2459	2207669
P2-L2	60	390,0	2184	4368	2491	2236340
P2-L2	60	395,0	2212	4424	2523	2265011
P2-L2	60	400,0	2240	4480	2555	2293682
P2-L2	60	405,0	2268	4536	2587	2322353
P2-L2	60	410,0	2296	4592	2619	2351024
P2-L2	60	415,0	2324	4648	2651	2379695
P2-L2	60	420,0	2352	4704	2683	2408366
P2-L2	60	425,0	2380	4760	2715	2437037
P2-L2	60	430,0	2408	4816	2747	2465708
P2-L2	60	435,0	2436	4872	2779	2494379
P2-L2	60	440,0	2464	4928	2811	2523050
P2-L2	60	445,0	2492	4984	2843	2551721
P2-L2	60	450,0	2520	5040	2875	2580392
P2-L2	60	455,0	2548	5096	2907	2609063
P2-L2	60	460,0	2576	5152	2939	2637734
P2-L2	60	465,0	2604	5208	2971	2666405
P2-L2	60	470,0	2632	5264	3003	2695076
P2-L2	60	475,0	2660	5320	3035	2723747
P2-L2	60	480,0	2688	5376	3067	2752418
P2-L2	60	485,0	2716	5432	3099	2781089
P2-L2	60	490,0	2744	5488	3131	2809760
P2-L2	60	495,0	2772	5544	3163	2838431
P2-L2	60	500,0	2800	5600	3195	2867102
P2-L2	60	505,0	2828	5656	3227	2895773
P2-L2	60	510,0	2856	5712	3259	2924444
P2-L2	60	515,0	2884	5768	3291	2953115
P2-L2	60	520,0	2912	5824	3323	2981786
P2-L2	60	525,0	2940	5880	3355	3010457
P2-L2	60	530,0	2968	5936	3387	3039128
P2-L2	60	535,0	2996	5992	3419	3067799
P2-L2	60	540,0	3024	6048	3451	3096470
P2-L2	60	545,0	3052	6104	3483	3125141
P2-L2	60	550,0	3080	6160	3515	3153812
P2-L2	60	555,0	3108	6216	3547	3182483
P2-L2	60	560,0	3136	6272	3579	3211154
P2-L2	60	565,0	3164	6328	3611	3239825
P2-L2	60	570,0	3192	6384	3643	3268496
P2-L2	60	575,0	3220	6440	3675	3297167
P2-L2	60	580,0	3248	6496	3707	3325838
P2-L2	60	585,0	3276	6552	3739	3354509
P2-L2	60	590,0	3304	6608	3771	3383180
P2-L2	60	595,0	3332	6664	3803	3411851
P2-L2	60	600,0	3360	6720	3835	3440522
P2-L2	60	605,0	3388	6776	3867	3469193
P2-L2	60	610,0	3416	6832	3899	3497864
P2-L2	60	615,0	3444	6888	3931	3526535
P2-L2	60	620,0	3472	6944	3963	3555206
P2-L2	60	625,0	3500	7000	3995	3583877
P2-L2	60	630,0	3528	7056	4027	3612548
P2-L2	60	635,0	3556	7112	4059	3641219
P2-L2	60	640,0	3584	7168	4091	3669890
P2-L2	60	645,0	3612	7224	4123	3698561
P2-L2	60	650,0	3640	7280	4155	3727232
P2-L2	60	655,0	3668	7336	4187	3755903
P2-L2	60	660,0	3696	7392	4219	3784574
P2-L2	60	665,0	3724	7448	4251	3813245
P2-L2	60	670,0	3752	7504	4283	3841916
P2-L2	60	675,0	3780	7560	4315	3870587
P2-L2	60	680,0	3808	7616	4347	3899258
P2-L2	60	685,0	3836	7672	4379	3927929
P2-L2	60	690,0	3864	7728	4411	3956600
P2-L2	60	695,0	3892	7784	4443	3985271
P2-L2	60	700,0	3920	7840	4475	4013942
P2-L2	60	705,0	3948	7896	4507	4042613
P2-L2	60	710,0	3976	7952	4539	4071284
P2-L2	60	715,0	4004	8008	4571	4100000
P2-L2	60	720,0	4032	8064	4603	4128671
P2-L2	60	725,0	4060	8120	4635	4157342
P2-L2	60	730,0	4088	8176	4667	4186013
P2-L2	60	735,0	4116	8232	4699	4214684
P2-L2	60	740,0	4144	8288	4731	4243355
P2-L2	60	745,0	4172	8344	4763	4272026
P2-L2	60	750,0	4200	8400	4795	4300697
P2-L2	60	755,0	4228	8456	4827	4329368
P2-L2	60	760,0	4256	8512	4859	4358039
P2-L2	60	765,0	4284	8568	4891	4386710
P2-L2	60	770,0	4312	8624	4923	4415381
P2-L2	60	775,0	4340	8680	4955	4444052
P2-L2	60	780,0	4368	8736	4987	4472723
P2-L2	60	785,0	4396	8792	5019	4501394
P2-L2	60	790,0	4424	8848	5051	4530065
P2-L2	60	795,0	4452	8904	5083	4558736
P2-L2	60	800,0	4480	8960	5115	4587407
P2-L2	60	805,0	4508	9016	5147	4616078
P2-L2	60	810,0	4536	9072	5179	4644749
P2-L2	60	815,0	4564	9128	5211	4673420
P2-L2	60	820,0	4592	9184	5243	4702091
P2-L2	60	825,0	4620	9240	5275	4730762
P2-L2	60	830,0	4648	9296	5307	4759433
P2-L2	60	835,0	4676	9352	5339	4788104
P2-L2	60	840,0	4704	9408	5371	4816775
P2-L2	60	845,0	4732	9464	5403	4845446
P2-L2	60	850,0	4760	9520	5435	4874117
P2-L2	60	855,0	4788	9576	5467	4902788
P2-L2	60	860,0	4816	9632	5499	4931459
P2-L2	60	865,0	4844	9688	5531	4960130
P2-L2	60	870,0	4872	9744	5563	4988801
P2-L2	60	875,0	4900	9800	5595	5017472
P2-L2	60	880,0	4928	9856	5627	5046143
P2-L2	60	885,0	4956	9912	5659	5074814
P2-L2	60	890,0	4984	9968	5691	5103485
P2-L2	60	895,0	5012	10024	5723	5132156
P2-L2	60	900,0	5040	10080	5755	5160827
P2-L2	60	905,0	5068	10136	5787	5189498
P2-L2	60	910,0	5096	10192	5819	5218169
P2-L2	60	915,0	5124	10248	5851	5246840
P2-L2	6					