

# S & S INTERNATIONAL INC

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Rockwell C - Scale	Vickers Hardness	Brinnell 3000 kg load (Standard Ball)	Brinnell 3000 kg load (Tungsten Carbide Ball)	Rockwell A-Scale	Tensile Strength ksi
68	940	-	-	85.6	-
67	900	-	-	85	-
66	865	-	-	84.5	-
65	832	-	-739	83.9	-
64	800	-	-722	83.4	-
63	772	-	-705	82.8	-
62	746	-	-688	82.3	-
61	720	-	-670	81.8	-
60	697	-	-654	81.2	-
59	674	-	-634	80.7	351
58	653	-	615	80.1	338
57	633	-	595	79.6	325
56	613	-	577	79	313
55	595	-	560	78.5	301
54	577	-	543	78	292
53	560	-	525	77.4	283
52	544	-500	512	76.8	273
51	528	-487	496	76.3	264
50	513	-475	481	75.9	255
49	498	-464	469	75.2	246
48	484	-451	455	74.7	238
47	471	442	443	74.1	229
46	458	432	432	73.6	221
45	446	421	421	73.1	215
44	434	409	409	72.5	208
43	423	400	400	72	201
42	412	390	390	71.5	194
41	402	381	381	70.9	188
40	392	371	371	70.4	182
39	382	362	362	69.9	177
38	372	353	353	69.4	171
37	363	344	344	68.9	166
36	354	336	336	68.4	161
35	345	327	327	67.9	157
34	336	319	319	67.4	153
33	327	311	311	66.8	149
32	318	301	301	66.3	145
31	310	294	294	65.8	141
30	302	286	286	65.3	138
29	294	279	279	64.7	135
28	286	271	271	64.3	131
27	279	264	264	63.8	128
26	272	258	258	63.3	125
25	266	253	253	62.8	122
24	260	247	247	62.4	119
23	254	243	243	62	117
22	248	237	237	61.5	114
21	243	231	231	61	112

\*Please note the conversion values are approximate only and have been derived from ASTM E-140 and A-370