

Apéndice B *Resultados del procesamiento de imágenes para material base*

Probeta 1					
N	a (mm)	f/a	k(MPa/m)	da/dN (m/ciclos)	dK (Mpa.m ^{1/2})
0	3.5	0.847	7.778	2.719E-08	7.000
25000	3.5	0.847	7.778	4.815E-07	7.297
26000	4.207	0.919	8.437	2.560E-07	7.696
27000	4.463	0.944	8.665	4.800E-08	7.817
28000	4.511	0.948	8.707	4.000E-08	7.852
29000	4.551	0.952	8.742	4.500E-08	7.885
30000	4.596	0.956	8.781	2.550E-07	8.002
31000	4.851	0.980	9.001	9.400E-08	8.137
32000	4.945	0.989	9.081	2.600E-08	8.183
33000	4.971	0.991	9.103	2.700E-08	8.203
34000	4.998	0.994	9.126	5.300E-08	8.233
35000	5.051	0.999	9.171	4.100E-08	8.269
36000	5.092	1.002	9.205	9.000E-09	8.288
37000	5.101	1.003	9.213	3.400E-08	8.305
38000	5.135	1.006	9.242	1.490E-07	8.374
39000	5.284	1.020	9.367	2.190E-07	8.513
40000	5.503	1.040	9.550	7.800E-08	8.610
40500	5.542	1.043	9.582	4.880E-07	8.715
41000	5.786	1.066	9.785	3.900E-07	8.879
41500	5.981	1.083	9.946	1.000E-08	8.953
42000	5.986	1.084	9.950	8.600E-08	8.971
42500	6.029	1.087	9.986	8.680E-07	9.148
43000	6.463	1.126	10.344	5.200E-08	9.319
43500	6.489	1.129	10.365	3.600E-08	9.335
44000	6.507	1.130	10.380	3.140E-07	9.401
44500	6.664	1.144	10.510	2.980E-07	9.515

45000	6.813	1.158	10.634	8.000E-08	9.585
45500	6.853	1.162	10.667	0.000E+00	9.600
46000	6.853	1.162	10.667	0.000E+00	9.600
46500	6.853	1.162	10.667	6.120E-07	9.715
47000	7.159	1.189	10.922	2.240E-07	9.872
47500	7.271	1.200	11.016	1.400E-07	9.941
48000	7.341	1.206	11.074	2.880E-07	10.022
48500	7.485	1.219	11.196	0.000E+00	10.076
49000	7.485	1.219	11.196	2.320E-07	10.121
49500	7.601	1.230	11.294	4.000E-07	10.241
50000	7.801	1.248	11.465	8.800E-08	10.335
50500	7.845	1.253	11.502	2.088E-06	10.766
51000	8.889	1.353	12.422	1.116E-06	11.412
51500	9.447	1.409	12.938	4.200E-08	11.653
52000	9.468	1.411	12.958	0.000E+00	11.662
52500	9.468	1.411	12.958	3.660E-07	11.740
53000	9.651	1.430	13.131	2.880E-07	11.880
53500	9.795	1.445	13.270	8.820E-07	12.138
54000	10.236	1.492	13.703	4.040E-07	12.424
54500	10.438	1.514	13.907	3.400E-08	12.524
55000	10.455	1.516	13.924	1.555E-06	12.676
55200	10.766	1.551	14.245	2.950E-07	12.848
55400	10.825	1.558	14.306	0.000E+00	12.876
55600	10.825	1.558	14.306	3.000E-07	12.904
55800	10.885	1.565	14.369	0.000E+00	12.933
56000	10.885	1.565	14.369	0.000E+00	12.933
56500	10.885	1.565	14.369	1.300E-06	13.250
57000	11.535	1.642	15.076	5.220E-07	13.701
57500	11.796	1.674	15.371	0.000E+00	13.834
58000	11.796	1.674	15.371	1.692E-06	14.289
58500	12.642	1.784	16.382	1.814E-06	15.277

59000	13.549	1.913	17.566	1.792E-06	16.390
59500	14.445	2.053	18.856	1.014E-06	17.325
60000	14.952	2.139	19.645	1.874E-06	18.396
60500	15.889	2.312	21.235	1.528E-06	19.760
61000	16.653	2.469	22.676		

 Probeta 2

N	a (mm)	f/a	k(MPa/m)	da/dN (m/ciclos)	dK (Mpa.m ^{1/2})
0	3.5	0.847	7.778	3.081E-08	7.000
25000	3.5	0.847	7.778	4.860E-07	7.335
26000	4.301	0.928	8.521	1.070E-07	7.737
27000	4.472	0.944	8.672	4.450E-08	7.822
28000	4.515	0.948	8.710	4.600E-08	7.857
29000	4.561	0.953	8.750	5.100E-08	7.895
30000	4.612	0.958	8.795	2.830E-07	8.025
31000	4.895	0.984	9.038	4.800E-08	8.153
32000	4.943	0.989	9.079	2.200E-08	8.180
33000	4.965	0.991	9.098	2.600E-08	8.198
34000	4.991	0.993	9.120	6.800E-08	8.234
35000	5.059	0.999	9.178	9.200E-08	8.295
36000	5.151	1.008	9.255	3.500E-07	8.462
37000	5.501	1.040	9.548	4.100E-08	8.609
38000	5.542	1.043	9.582	2.790E-07	8.728
39000	5.821	1.069	9.814	5.040E-07	9.020
40000	6.325	1.114	10.230	1.530E-07	9.264
41000	6.478	1.128	10.356	3.170E-07	9.439
42000	6.795	1.156	10.619	6.600E-08	9.581
43000	6.861	1.162	10.673	2.730E-07	9.708
44000	7.134	1.187	10.901	3.100E-08	9.822

45000	7.165	1.190	10.927	4.000E-09	9.835
45500	7.167	1.190	10.928	8.200E-08	9.851
46000	7.208	1.194	10.963	0.000E+00	9.866
46500	7.208	1.194	10.963	8.000E-09	9.868
47000	7.212	1.194	10.966	8.040E-07	10.022
47500	7.614	1.231	11.305	5.660E-07	10.283
48000	7.897	1.257	11.547	8.000E-08	10.408
48500	7.937	1.261	11.581	3.200E-07	10.486
49000	8.097	1.276	11.720	6.800E-08	10.561
49500	8.131	1.279	11.749	6.000E-09	10.576
50000	8.134	1.280	11.752	0.000E+00	10.577
50500	8.134	1.280	11.752	4.340E-07	10.662
51000	8.351	1.300	11.942	8.000E-08	10.763
51500	8.391	1.304	11.977	7.200E-07	10.923
52000	8.751	1.339	12.297	1.520E-07	11.098
52500	8.827	1.347	12.366	1.552E-06	11.453
53000	9.603	1.425	13.085	4.000E-07	11.863
53500	9.803	1.446	13.277	8.600E-08	11.968
54000	9.846	1.450	13.319	8.540E-07	12.177
54500	10.273	1.496	13.740	6.400E-08	12.380
55000	10.305	1.500	13.772	6.800E-08	12.410
55500	10.339	1.503	13.806	1.920E-07	12.469
56000	10.435	1.514	13.904	1.520E-07	12.548
56500	10.511	1.522	13.981	8.000E-07	12.770
57000	10.911	1.568	14.397	1.648E-06	13.364
57500	11.735	1.666	15.301	6.000E-07	13.927
58000	12.035	1.704	15.648	5.360E-07	14.227
58500	12.303	1.739	15.967	1.010E-06	14.651
59000	12.808	1.807	16.590	1.526E-06	15.384
59500	13.571	1.916	17.596	7.260E-07	16.065
60000	13.934	1.972	18.105	4.750E-06	16.938

60200	14.884	2.127	19.536	1.725E-06	17.835
60400	15.229	2.188	20.097	2.550E-07	18.125
60600	15.28	2.198	20.181	9.600E-07	18.309
60800	15.472	2.233	20.505	9.000E-08	18.469
61000	15.49	2.236	20.536	1.086E-06	18.730
61290	15.805	2.296	21.085	2.848E-06	19.459
61494	16.386	2.413	22.156	1.980E-06	20.294
61696	16.786	2.498	22.941	9.356E-07	20.821
61898	16.975	2.540	23.327	5.891E-07	21.106
62100	17.094	2.567	23.574	3.069E-07	21.217
62302	17.156	2.581	23.705		

 Probeta 3

N	a (mm)	f/a	k(MPa/m)	da/dN (m/ciclos)	dK (Mpa.m ^{1/2})
0	3.500	0.8470	7.778	2.719E-08	7.000
25000	3.500	0.8470	7.778	4.815E-07	7.297
26000	4.207	0.9188	8.437	2.560E-07	7.696
27000	4.463	0.9435	8.665	4.800E-08	7.817
28000	4.511	0.9481	8.707	4.000E-08	7.852
29000	4.551	0.9519	8.742	4.500E-08	7.885
30000	4.596	0.9562	8.781	2.550E-07	8.002
31000	4.851	0.9801	9.001	9.400E-08	8.137
32000	4.945	0.9889	9.081	5.300E-08	8.193
33000	4.998	0.9938	9.126	0.000E+00	8.213
34000	4.998	0.9938	9.126	1.890E-07	8.285
35000	5.187	1.0112	9.286	9.500E-08	8.393
36000	5.282	1.0198	9.365	1.310E-07	8.478
37000	5.413	1.0318	9.475	1.900E-08	8.535
38000	5.432	1.0335	9.491	2.200E-08	8.550

39000	5.454	1.0355	9.509	7.000E-09	8.561
40000	5.461	1.0361	9.515	1.420E-07	8.617
41000	5.603	1.0490	9.633	4.800E-08	8.688
42000	5.651	1.0533	9.673	6.400E-08	8.730
43000	5.715	1.0591	9.726	7.600E-08	8.782
44000	5.791	1.0660	9.789	5.800E-08	8.832
45000	5.849	1.0712	9.837	3.080E-07	8.911
45500	6.003	1.0851	9.964	3.440E-07	9.032
46000	6.175	1.1005	10.106	3.980E-07	9.169
46500	6.374	1.1184	10.270	7.600E-08	9.257
47000	6.412	1.1218	10.302	2.460E-07	9.317
47500	6.535	1.1329	10.403	2.320E-07	9.406
48000	6.651	1.1433	10.499	8.000E-08	9.464
48500	6.691	1.1469	10.532	1.100E-07	9.500
49000	6.746	1.1519	10.578	1.900E-07	9.556
49500	6.841	1.1605	10.657	6.400E-07	9.711
50000	7.161	1.1895	10.923	7.280E-07	9.969
50500	7.525	1.2229	11.230	8.800E-08	10.124
51000	7.569	1.2269	11.267	2.580E-07	10.190
51500	7.698	1.2389	11.377	5.000E-07	10.335
52000	7.948	1.2622	11.591	4.600E-08	10.441
52500	7.971	1.2644	11.611	7.760E-07	10.602
53000	8.359	1.3012	11.949	6.260E-07	10.879
53500	8.672	1.3314	12.226	7.000E-08	11.018
54000	8.707	1.3348	12.258	6.980E-07	11.174
54500	9.056	1.3693	12.574	9.900E-07	11.525
55000	9.551	1.4196	13.036	8.000E-08	11.750
55500	9.591	1.4237	13.074	8.000E-08	11.784
56000	9.631	1.4279	13.112	5.000E-08	11.812
56500	9.656	1.4305	13.136	5.940E-07	11.952
57000	9.953	1.4617	13.423	7.180E-07	12.241

57500	10.312	1.5005	13.779	6.980E-07	12.562
58000	10.661	1.5393	14.135	3.280E-07	12.799
58500	10.825	1.5579	14.306	7.460E-07	13.055
59000	11.198	1.6012	14.704	3.400E-08	13.242
59500	11.215	1.6033	14.723	6.379E-07	13.435
60080	11.585	1.6478	15.132	9.901E-09	13.620
60282	11.587	1.6480	15.134	1.980E-08	13.623
60484	11.591	1.6485	15.138	3.515E-07	13.661
60686	11.662	1.6572	15.219	4.604E-07	13.744
60888	11.755	1.6688	15.324	2.426E-07	13.817
61090	11.804	1.6749	15.380	8.400E-07	13.930
61290	11.972	1.6960	15.575	6.667E-07	14.089
61494	12.108	1.7134	15.734	8.564E-07	14.254
61696	12.281	1.7358	15.940	3.564E-07	14.385
61898	12.353	1.7453	16.027	7.871E-07	14.512
62100	12.512	1.7664	16.221	0.000E+00	14.599
62302	12.512	1.7664	16.221	0.000E+00	14.599
62504	12.512	1.7664	16.221	6.567E-07	14.672
62705	12.644	1.7842	16.384	3.234E-07	14.783
62906	12.709	1.7930	16.466	3.206E-06	15.201
63110	13.363	1.8854	17.314	3.025E-06	15.964
63312	13.974	1.9778	18.162	0.000E+00	16.346
63515	13.974	1.9778	18.162	4.286E-07	16.402
63718	14.061	1.9914	18.287	1.643E-06	16.676
63917	14.388	2.0439	18.770	9.852E-07	17.029
64120	14.588	2.0770	19.074	0.000E+00	17.166
64322	14.588	2.0770	19.074	5.297E-06	17.955
64524	15.658	2.2679	20.826	7.277E-07	18.860
64726	15.805	2.2961	21.085	2.876E-06	19.459
64928	16.386	2.4127	22.156	1.980E-06	20.294
65130	16.786	2.4982	22.941	9.403E-07	20.821

65331	16.975	2.5402	23.327	5.862E-07	21.106
65534	17.094	2.5672	23.574	1.436E-07	21.244
65736	17.123	2.5738	23.635	1.584E-07	21.302
65938	17.155	2.5811	23.703	2.950E-06	21.924
66140	17.751	2.7242	25.016	6.188E-07	22.645
66342	17.876	2.7557	25.306	1.394E-07	22.806
66550	17.905	2.7631	25.373	4.995E-06	23.970
66750	18.904	3.0374	27.893	0.000E+00	25.104
66950	18.904	3.0374	27.893	1.110E-06	25.379
67150	19.126	3.1041	28.506	1.350E-07	25.689
67350	19.153	3.1124	28.581	8.683E-07	25.952
67555	19.331	3.1677	29.090	8.000E-07	26.392
67755	19.491	3.2188	29.559	3.020E-06	27.463
67958	20.104	3.4269	31.470	1.520E-07	28.369
68162	20.135	3.4380	31.572	8.100E-07	28.658
68362	20.297	3.4968	32.112	5.907E-07	29.076
68555	20.411	3.5392	32.501	4.505E-06	30.761
68755	21.312	3.9047	35.857	3.100E-07	32.271
