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*Supplement of*

## **Structural disorder of graphite and implications for graphite thermometry**

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# Supplementary material 1 (S1)

## Raman spectra from the experimental graphite samples

Sample	D1 int	D1 pos	D1 width	D1 area	G int	G pos	G width	G area	D2 int	D2 pos	D2 width	D2 area	R2	T (°C)
Pre-shear highly crystalline graphite powder	13.680	1351.659	35.495	638.248	69.715	1581.305	18.550	1857.300	5.912	1621.965	11.657	88.132	0.247	531
	6.070	1352.421	36.713	277.065	37.573	1580.884	16.829	911.345	2.412	1621.935	10.963	31.067	0.227	540
	5.594	1354.634	39.129	293.603	62.540	1580.742	15.834	1475.998	9.846	1622.479	8.536	95.636	0.157	571
	4.643	1350.138	40.723	215.735	71.516	1576.265	14.976	1583.251	5.282	1617.240	9.882	55.559	0.116	589
	5.187	1351.934	40.270	251.352	70.053	1578.265	15.529	1610.397	2.177	1619.514	11.746	33.354	0.133	582
	3.170	1352.993	39.572	180.638	33.593	1580.483	15.350	752.141	2.510	1621.728	9.362	30.567	0.188	558
	5.445	1351.501	38.712	250.292	41.096	1579.580	15.544	940.387	2.297	1620.658	10.214	28.398	0.205	550
	16.162	1349.177	39.093	811.786	93.347	1578.225	16.540	2287.891	5.882	1618.982	12.533	79.928	0.255	527
	5.377	1351.779	38.113	244.970	31.802	1579.662	15.333	714.719	2.923	1621.408	9.096	34.249	0.246	531
	6.406	1344.394	40.927	360.025	65.336	1571.595	18.414	1784.308	1.743	1608.854	21.064	39.083	0.165	568
	6.047	1350.942	37.918	297.835	59.522	1577.333	15.275	1350.865	4.564	1618.668	9.157	49.228	0.175	563
	2.944	1350.973	37.263	128.905	101.507	1579.135	14.324	2161.300	1.395	1620.734	5.608	8.328	0.056	616
	11.632	1352.140	38.562	535.606	69.701	1580.221	15.236	1585.251	6.248	1621.738	8.813	74.937	0.244	532
	1.825	1339.519	51.497	104.264	43.124	1562.696	17.449	1135.353	1.470	1601.074	12.074	18.893	0.083	604
	5.016	1350.976	42.778	282.264	33.300	1578.499	16.583	821.564	3.061	1619.828	10.182	34.707	0.248	531
				0.000		72.061	1578.818	16.095	1653.705			0.000	0.000	0.000
7.504	1350.947	37.888	302.643	83.278	1578.807	18.155	2156.869	4.245	1619.765	9.540	62.728	0.120	588	
28.661	1349.000	40.083	1472.064	106.824	1578.118	17.585	2786.704	15.972	1619.166	10.763	236.593	0.327	495	
5.279	1342.384	42.306	307.347	55.726	1570.658	16.924	1420.718	3.888	1608.766	13.356	64.755	0.171	565	
4.276	1344.134	41.989	246.515	76.048	1573.146	19.894	2197.182						0.101	596
								<b>Average:</b>					<b>0.173</b>	
Exp. 1 5 MPa, 1 $\mu\text{m/s}$ , 20 mm	48.324	1348.524	47.427	3307.065	60.724	1581.918	28.779	2542.366	15.629	1615.803	26.182	435.581	0.526	407
	68.545	1348.828	46.925	4658.432	71.533	1582.971	30.837	3252.492	20.103	1616.918	24.771	530.057	0.552	395
	61.698	1348.477	48.512	4363.084	77.698	1581.800	28.968	3303.860	20.465	1615.944	26.052	567.514	0.530	405
	48.845	1348.709	47.833	3422.793	62.274	1582.210	29.243	2640.734	16.790	1616.385	25.806	461.200	0.525	408
	26.486	1349.271	46.857	1803.653	67.998	1580.977	24.822	2438.606	8.035	1615.999	27.798	237.744	0.403	462
	54.200	1348.651	48.022	3786.511	77.042	1581.519	27.757	3126.506	17.895	1615.670	27.658	526.850	0.509	415
	68.025	1348.440	47.463	4820.986	71.653	1582.507	29.489	3149.952	20.004	1616.204	25.683	546.869	0.566	389
	49.179	1348.990	48.371	3561.784	59.806	1582.418	28.508	2487.540	15.860	1616.710	25.690	433.705	0.549	397
	54.730	1348.743	48.266	3850.335	73.780	1581.489	27.423	2904.139	17.965	1615.503	26.560	507.926	0.530	405
	40.436	1349.158	47.266	2807.972	66.234	1581.432	27.440	2611.879	12.533	1616.674	25.333	337.969	0.488	424
	47.768	1348.843	46.851	3253.741	74.367	1581.405	26.532	2868.785	14.908	1616.046	26.249	416.538	0.498	420
	105.578	1347.862	50.070	7950.398	85.424	1584.155	34.099	4357.258	30.843	1616.032	23.512	771.924	0.608	371
	27.955	1349.304	46.914	1960.953	74.596	1580.711	22.959	2526.085	8.827	1615.687	29.148	273.887	0.412	458
	52.831	1348.880	48.002	3716.390	73.241	1581.384	27.441	2918.920	17.072	1615.811	26.320	478.300	0.522	409
	59.153	1348.688	48.076	4215.771	76.045	1581.863	27.745	3128.364	18.925	1615.858	26.758	539.038	0.535	403
	43.965	1349.379	47.453	3044.405	75.564	1581.252	24.723	2708.903	14.475	1615.327	28.372	437.171	0.492	422
33.948	1349.338	46.504	2294.322	74.269	1581.053	24.522	2654.988	11.045	1615.597	29.182	343.086	0.434	448	
50.724	1348.894	47.874	3646.326	77.033	1581.413	26.743	3003.598	17.524	1615.797	26.898	501.750	0.510	414	
39.703	1349.660	47.377	2732.041	74.387	1581.145	24.205	2625.484	12.879	1615.947	28.094	385.147	0.476	429	
38.182	1349.235	46.442	2601.163	73.019	1580.825	24.777	2648.067	11.700	1616.269	26.324	327.840	0.466	433	
								<b>Average:</b>					<b>0.506</b>	

Sample	D1 int	D1 pos	D1 width	D1 area	G int	G pos	G width	G area	D2 int	D2 pos	D2 width	D2 area	R2	T (°C)
<b>Exp. 2</b> <b>5 MPa, 1 μm/s, 10 mm</b>	51.473	1348.313	44.235	3126.703	89.436	1580.753	25.664	3117.896	16.051	1616.242	23.800	406.654	0.470	432
	36.329	1348.486	44.114	2166.959	76.799	1580.109	24.363	2534.409	10.639	1614.731	25.330	286.853	0.434	448
	54.501	1348.976	44.290	3314.059	101.253	1581.077	24.614	3467.712	17.201	1616.076	26.250	480.639	0.456	438
	32.044	1349.595	43.971	1899.606	85.571	1580.759	23.133	2734.369	9.628	1615.709	26.540	271.995	0.387	469
	35.548	1349.529	43.879	2095.240	90.306	1580.449	22.598	2828.860	10.206	1615.341	26.728	290.363	0.402	462
	28.416	1349.337	44.495	1691.787	68.638	1580.702	23.952	2256.560	9.719	1615.113	29.079	300.843	0.398	464
	36.364	1348.590	46.005	2322.618	78.727	1580.912	21.840	2448.603	12.208	1614.515	28.738	373.441	0.451	440
	43.599	1348.166	45.753	2761.450	78.699	1580.323	25.042	2738.421	14.353	1614.884	27.474	419.744	0.466	433
	49.211	1348.573	46.329	3198.885	61.761	1581.898	28.319	2373.087	16.624	1616.496	25.402	449.500	0.531	405
	32.934	1349.461	45.238	2046.764	71.135	1580.961	23.918	2325.425	10.648	1615.777	27.190	308.191	0.437	446
	56.789	1347.885	46.727	3658.793	61.262	1581.804	28.141	2381.005	18.684	1615.657	25.578	508.712	0.559	392
	27.255	1349.581	45.084	1689.182	59.941	1580.771	23.287	1961.735	8.663	1615.657	28.679	264.463	0.431	449
	28.684	1348.884	45.431	1783.042	49.591	1581.286	26.027	1755.589	9.347	1616.565	26.125	259.937	0.469	432
	37.237	1348.142	44.497	2291.272	57.112	1580.555	25.962	1991.749	11.303	1615.280	24.933	299.985	0.500	419
	23.669	1348.807	44.914	1494.233	68.421	1579.763	21.618	2086.927	7.899	1613.987	31.136	261.813	0.389	468
	25.256	1349.395	44.220	1553.404	59.884	1581.013	22.800	1881.632	7.522	1615.294	26.787	214.488	0.426	452
	17.206	1349.637	45.143	1050.793	49.624	1581.209	24.571	1686.379	4.896	1616.910	25.679	133.832	0.366	478
	17.706	1349.604	44.891	1084.071	53.312	1580.812	24.291	1782.831	5.199	1616.347	26.141	144.674	0.360	481
	12.395	1349.212	46.133	796.425	46.056	1580.440	23.046	1489.073	4.017	1614.620	29.242	125.050	0.330	494
	33.403	1349.074	46.386	2113.413	51.040	1582.177	27.313	1869.115	10.930	1616.758	25.666	298.630	0.494	421
<b>Average: 0.438</b>														
<b>Exp. 4</b> <b>5 MPa, 10 μm/s, 20 mm</b>	48.859	1347.990	48.164	3196.088	65.015	1581.285	27.760	2455.314	17.583	1614.771	27.092	507.064	0.519	410
	50.987	1347.769	46.297	3241.708	66.973	1580.871	27.706	2539.113	16.975	1614.988	26.544	479.638	0.518	411
	45.263	1348.355	46.196	2817.464	69.422	1580.916	26.843	2508.971	14.812	1614.820	27.679	436.421	0.489	423
	62.537	1348.206	46.738	4096.974	66.709	1582.204	29.360	2607.137	21.367	1616.117	25.664	583.699	0.562	391
	54.206	1347.392	46.687	3448.641	75.965	1580.212	27.349	2859.707	18.089	1614.453	26.864	517.293	0.505	416
	53.312	1347.605	47.294	3412.068	72.757	1581.125	27.892	2715.760	17.985	1615.005	25.895	495.743	0.515	412
	42.767	1348.437	45.864	2724.486	72.825	1581.073	25.035	2501.512	14.236	1614.828	27.029	409.588	0.483	426
	55.468	1348.430	45.411	3485.818	76.138	1581.334	27.339	2857.700	17.645	1616.016	26.482	497.414	0.510	414
	47.140	1348.412	45.861	2964.457	70.322	1581.132	27.124	2576.201	15.488	1615.756	26.589	438.357	0.496	420
	28.564	1349.059	45.128	1761.626	75.109	1580.366	23.752	2442.460	9.108	1614.160	29.076	281.905	0.393	466
	57.958	1347.919	46.572	3730.922	74.565	1580.946	27.326	2801.050	19.203	1614.927	27.330	558.656	0.526	407
	34.614	1349.084	45.172	2159.746	64.345	1581.141	24.851	2205.505	11.200	1615.833	27.771	331.071	0.460	436
	65.236	1347.661	47.381	4354.037	62.406	1582.534	31.153	2623.527	22.033	1615.804	26.353	618.668	0.573	386
	79.654	1347.607	48.746	5471.203	99.381	1581.391	25.938	3656.073	28.791	1614.369	29.239	896.105	0.546	398
	68.749	1347.483	49.093	4755.421	67.441	1582.498	30.481	2750.220	24.540	1615.495	26.370	688.841	0.580	383
	107.143	1346.575	49.259	7528.014	78.036	1583.231	33.225	3490.934	36.069	1615.175	25.436	1023.568	0.625	363
	117.155	1346.605	49.788	8307.023	89.460	1583.016	31.660	3930.343	40.246	1614.517	27.133	1210.629	0.618	366
	35.695	1348.946	45.523	2328.884	77.646	1580.232	23.237	2541.279	11.506	1614.026	29.782	364.755	0.445	443
	89.104	1347.662	46.793	5964.849	71.449	1583.496	32.091	3108.880	28.305	1616.530	25.263	778.690	0.605	372
	23.246	1350.193	44.262	1405.307	72.358	1580.430	21.732	2206.220	7.250	1615.322	27.872	215.106	0.367	478
<b>Average: 0.517</b>														

Sample	D1 int	D1 pos	D1 width	D1 area	G int	G pos	G width	G area	D2 int	D2 pos	D2 width	D2 area	R2	T (° C)
<b>Exp. 5</b> <b>5 MPa, 100 µm/s, 20 mm</b>	56.568	1348.382	44.077	3351.943	112.666	1580.353	24.879	3856.436	17.688	1615.455	26.721	503.113	0.435	448
	60.655	1348.177	44.623	3793.730	104.039	1580.586	23.755	3485.355	17.874	1615.028	27.315	519.699	0.486	425
	31.462	1348.696	44.898	1917.034	93.395	1580.367	22.104	2908.263	10.076	1614.524	28.239	302.893	0.374	475
	44.475	1348.153	45.142	2761.576	79.273	1580.370	25.237	2774.913	13.887	1615.086	27.403	405.076	0.465	434
	42.742	1348.737	43.713	2557.950	96.760	1580.206	23.053	3124.593	13.102	1615.171	27.588	384.770	0.422	453
	25.894	1348.436	45.498	1607.400	78.863	1579.242	21.778	2404.815	9.161	1612.433	31.793	310.032	0.372	476
	46.960	1348.410	46.254	3059.487	68.216	1581.379	26.154	2399.578	16.139	1615.435	26.575	456.530	0.517	411
	31.182	1348.577	44.547	1917.108	70.302	1580.181	24.317	2325.700	9.367	1614.158	27.779	276.978	0.424	452
	24.434	1349.172	43.909	1460.790	67.190	1580.185	22.098	2043.237	7.302	1613.167	29.214	227.069	0.392	467
	18.036	1348.997	46.866	1139.224	65.742	1580.153	21.589	1975.825	5.986	1612.758	29.858	190.247	0.345	488
	52.252	1348.314	47.073	3485.528	58.386	1582.535	29.621	2307.478	17.631	1616.324	25.144	471.886	0.556	393
	34.495	1348.944	47.523	2265.175	72.999	1580.838	23.927	2438.890	12.175	1614.416	28.292	366.654	0.447	442
	35.244	1349.145	46.118	2215.252	66.155	1581.276	26.388	2443.528	11.385	1616.217	27.445	332.597	0.444	444
	64.957	1348.127	48.241	4374.929	68.143	1582.777	30.384	2808.340	23.274	1616.297	26.654	660.333	0.558	393
	31.294	1348.854	46.706	1980.203	67.100	1580.509	24.004	2258.223	10.654	1614.345	29.693	336.753	0.433	448
	37.723	1347.944	46.484	2470.312	54.045	1580.729	26.200	2015.591	12.767	1614.263	29.693	406.417	0.505	416
	22.182	1348.545	45.610	1395.157	54.867	1579.932	24.043	1830.889	7.398	1614.410	29.082	229.002	0.404	461
39.856	1348.394	46.798	2549.551	62.433	1580.365	25.928	2164.306	14.049	1614.303	27.866	416.718	0.497	420	
59.528	1347.564	47.080	3897.153	69.275	1581.295	28.928	2728.059	20.364	1615.139	26.429	572.904	0.541	400	
37.308	1349.119	44.325	2249.961	63.482	1581.393	26.666	2329.629	11.515	1616.899	25.613	313.950	0.460	436	
													<b>0.454</b>	<b>Average:</b>
<b>Exp. 6</b> <b>5 MPa, 100 µm/s, 10 mm</b>	26.046	1349.561	45.226	1532.798	84.696	1580.451	23.305	2733.772	7.898	1615.722	26.759	224.971	0.341	489
	50.460	1347.695	45.173	3162.915	75.335	1580.224	26.583	2780.154	15.094	1615.174	26.736	429.555	0.496	420
	40.016	1348.445	44.703	2520.636	84.677	1580.549	24.513	2876.010	12.459	1615.505	26.387	349.937	0.439	446
	40.542	1349.316	44.252	2419.097	109.661	1580.378	21.823	3404.033	12.236	1615.792	28.398	369.870	0.391	467
	33.163	1348.500	46.006	2111.090	79.961	1580.601	23.179	2630.080	10.390	1615.107	29.953	331.266	0.416	456
	49.508	1347.972	43.662	2963.988	89.909	1580.350	26.346	3215.382	14.781	1616.105	25.303	398.123	0.451	440
	32.586	1348.721	45.177	2016.727	78.425	1579.741	23.652	2581.064	10.061	1614.358	29.023	310.842	0.411	458
	32.554	1348.842	44.923	1974.918	84.356	1580.418	23.550	2754.721	10.198	1615.847	26.242	284.869	0.394	466
	48.633	1349.381	42.469	2823.517	95.082	1581.083	24.303	3154.869	13.764	1616.934	24.325	356.382	0.446	443
	43.373	1348.651	44.637	2710.997	84.399	1580.516	24.109	2865.123	13.498	1615.602	27.120	389.662	0.454	439
	25.370	1350.509	44.077	1440.231	76.769	1580.670	21.622	2355.425	7.429	1617.160	26.282	207.840	0.360	481
	37.328	1348.731	45.999	2423.180	81.004	1580.939	25.439	2842.380	12.026	1615.864	27.677	354.304	0.431	449
	39.785	1349.373	43.584	2361.649	91.886	1580.775	23.046	2954.563	12.242	1615.529	25.341	330.237	0.418	455
	47.480	1348.206	44.892	2993.650	78.652	1580.593	26.245	2866.238	14.632	1615.572	26.928	419.399	0.477	429
	42.132	1348.665	45.164	2679.456	79.150	1580.921	24.536	2696.432	13.586	1615.174	27.421	396.569	0.464	434
	29.599	1348.392	47.969	1919.670	72.594	1580.674	25.805	2610.328	9.547	1615.075	27.159	276.001	0.399	463
	69.937	1347.585	45.876	4536.655	84.879	1581.342	25.980	3071.036	23.926	1614.318	29.241	744.727	0.543	399
52.126	1347.760	45.146	3289.897	74.302	1580.815	27.450	2807.212	16.161	1615.859	25.888	445.352	0.503	417	
26.554	1348.984	44.802	1604.011	77.272	1580.306	23.034	2506.574	7.842	1615.414	27.310	227.969	0.370	476	
27.889	1349.308	44.655	1677.597	66.045	1580.961	23.822	2201.999	8.650	1616.361	27.173	250.202	0.406	460	
													<b>0.430</b>	<b>Average:</b>

Sample	D1 int	D1 pos	D1 width	D1 area	G int	G pos	G width	G area	D2 int	D2 pos	D2 width	D2 area	R2	T (°C)	
	48.548	1348.517	48.958	3357.220	62.205	1582.418	29.492	2457.157	19.449	1616.421	26.589	550.464	0.527	406	
	73.400	1348.438	49.123	5066.791	78.859	1583.006	29.385	3144.797	28.508	1616.200	26.590	818.808	0.561	391	
	34.626	1349.284	46.443	2193.260	73.793	1581.366	24.776	2548.847	12.568	1615.289	28.856	386.029	0.428	451	
	59.254	1348.677	47.480	3852.522	80.184	1581.964	27.812	3017.487	21.098	1615.948	26.718	600.049	0.516	412	
	51.363	1349.141	47.116	3372.557	82.636	1582.243	27.298	3054.283	18.653	1616.840	26.967	535.431	0.484	425	
	50.052	1348.623	47.517	3256.739	67.231	1581.861	28.263	2549.139	18.411	1616.202	26.465	518.636	0.515	412	
	53.306	1348.609	48.293	3595.915	76.690	1581.645	27.908	2963.839	18.763	1615.960	27.347	546.184	0.506	416	
	22.141	1349.815	46.008	1394.670	72.806	1580.521	23.597	2405.530	7.447	1615.075	30.096	238.579	0.345	487	
	32.457	1349.347	46.552	2067.070	79.186	1581.230	24.026	2597.913	11.986	1614.857	28.882	368.481	0.411	458	
	86.801	1347.093	50.523	6194.527	81.963	1582.357	31.666	3576.012	31.750	1615.012	26.376	905.330	0.580	383	
	47.762	1348.739	48.121	3200.406	77.327	1581.683	26.512	2801.776	18.058	1615.515	27.415	526.986	0.490	423	
	60.893	1348.344	47.286	3960.078	92.878	1581.365	27.317	3461.557	20.073	1616.059	26.493	566.084	0.496	420	
	86.527	1348.357	48.515	5888.116	93.065	1582.781	29.659	3732.933	31.761	1616.125	27.051	914.574	0.559	392	
	86.549	1347.987	48.682	5916.158	90.847	1582.859	30.490	3746.349	29.846	1616.576	25.815	992.856	0.555	394	
	70.636	1348.210	47.788	4769.277	87.770	1581.555	27.481	3283.043	25.150	1615.369	27.687	741.241	0.542	400	
	67.566	1347.469	48.172	4584.501	83.145	1580.742	28.729	3265.207	23.805	1614.604	26.827	679.769	0.537	402	
	78.050	1347.939	47.944	5309.795	86.312	1582.073	29.359	3466.005	26.365	1615.663	26.467	742.788	0.558	393	
	88.175	1347.748	48.743	6161.381	93.994	1582.281	29.257	3750.590	33.277	1615.062	28.397	1008.400	0.564	390	
	105.105	1347.617	50.048	7491.024	92.086	1583.721	31.834	3999.433	40.113	1615.737	26.577	1189.871	0.591	378	
	145.250	1342.118	52.520	10791.415	96.092	1578.010	36.503	4760.146	45.759	1608.927	26.618	1524.960	0.632	360	
													<b>Average:</b>	<b>0.520</b>	
	51.005	1347.677	48.383	3460.972	62.695	1581.245	27.664	2416.065	18.467	1614.574	29.001	582.529	0.536	403	
	67.759	1346.647	48.677	4592.010	69.075	1581.062	29.618	2772.398	23.814	1614.205	27.417	697.198	0.570	388	
	100.624	1346.450	47.857	6857.426	75.269	1583.308	32.582	3316.501	32.418	1615.248	26.311	945.908	0.617	367	
	47.032	1348.099	47.321	3103.483	68.558	1581.367	28.887	2614.781	16.147	1615.592	25.584	439.748	0.504	417	
	83.416	1346.819	48.778	5740.682	71.281	1582.274	30.510	2953.581	28.142	1614.564	27.479	824.673	0.603	373	
	61.567	1346.522	48.774	4194.478	65.275	1580.564	29.660	2588.051	21.800	1613.892	27.766	644.328	0.565	390	
	93.739	1346.551	48.474	6475.176	69.903	1583.235	32.197	3029.417	30.236	1614.962	26.651	857.759	0.625	363	
	81.286	1347.195	46.461	5418.888	69.816	1582.420	29.841	2855.476	26.856	1614.835	27.886	797.165	0.597	375	
	71.828	1346.422	47.724	4845.266	40.546	1585.946	36.840	2012.440	20.504	1616.000	23.883	521.260	0.657	349	
	80.292	1347.068	48.071	5455.110	71.305	1582.252	31.458	3029.137	26.234	1615.184	26.705	745.745	0.591	378	
	95.404	1347.003	49.105	6540.182	74.671	1583.309	33.407	3408.736	31.568	1615.398	26.082	876.683	0.604	372	
	80.227	1346.983	48.732	5503.679	72.606	1582.471	30.995	3043.760	27.666	1614.994	27.276	809.392	0.588	379	
	57.878	1347.916	48.996	3912.889	65.459	1581.740	28.853	2587.641	22.125	1614.756	28.596	673.472	0.545	398	
	80.433	1346.908	49.768	5569.956	71.415	1582.255	31.779	3103.104	27.956	1614.789	27.040	809.504	0.587	380	
	91.186	1347.118	49.289	6412.385	73.488	1583.361	32.116	3219.484	32.494	1615.502	26.477	915.801	0.608	370	
	46.257	1347.748	48.204	3078.655	59.640	1580.725	27.820	2058.751	16.362	1614.218	28.492	496.249	0.528	406	
	69.991	1346.782	49.127	4737.557	73.567	1580.855	30.143	3232.639	24.171	1614.329	27.104	697.350	0.559	392	
	78.804	1347.689	48.744	5293.779	99.547	1581.338	25.682	3655.594	28.724	1614.200	29.880	913.613	0.537	402	
	68.478	1347.544	49.060	4692.460	68.020	1582.445	30.363	2853.373	24.494	1615.405	26.973	731.633	0.567	389	
	116.211	1346.675	49.684	8098.454	89.852	1583.022	31.577	3948.437	39.530	1614.481	27.068	1138.981	0.614	368	
													<b>Average:</b>	<b>0.580</b>	

**Exp. 8**

**25 MPa, 1 µm/s, 20 mm**

**Exp.9**

**25 MPa, 10 µm/s, 20 mm**

Sample	D1 int	D1 pos	D1 width	D1 area	G int	G pos	G width	G area	D2 int	D2 pos	D2 width	D2 area	R2	T (°C)
<b>Exp. 10</b> <b>25 MPa, 100 µm/s, 20</b> <b>mm</b>	87.280	1346.416	48.567	6022.858	77.035	1582.338	30.120	3281.878	28.982	1614.218	28.203	933.126	0.588	379
	136.458	1344.369	50.028	9729.084	82.451	1582.832	35.774	4053.746	40.836	1613.176	26.516	1240.343	0.648	353
	95.698	1346.860	48.070	6543.283	61.933	1585.123	35.227	2890.080	31.126	1616.499	26.549	927.636	0.632	360
	107.967	1346.393	48.315	7481.001	74.614	1583.963	33.704	3410.463	34.052	1615.509	26.832	993.077	0.629	361
	64.526	1347.549	47.397	4404.875	70.359	1582.320	26.502	2579.233	22.859	1614.805	29.204	710.609	0.572	386
	48.247	1347.163	47.439	3232.902	58.758	1580.766	24.944	2068.914	17.630	1612.736	32.549	610.838	0.547	398
	62.336	1347.152	47.704	4248.241	57.064	1582.271	30.582	2405.957	20.249	1615.123	28.311	615.616	0.584	381
	102.141	1346.214	48.641	7101.432	73.311	1583.623	33.992	3340.020	31.999	1615.346	26.285	900.742	0.626	362
	98.877	1347.001	47.538	6694.393	68.899	1584.084	34.338	3176.860	32.007	1616.075	26.478	970.272	0.617	366
	100.844	1346.681	48.630	7027.648	66.653	1585.086	35.945	3118.627	31.504	1616.638	25.538	922.354	0.635	358
	57.464	1346.821	48.354	3928.364	52.146	1581.786	31.157	2203.032	19.295	1614.911	26.838	551.223	0.588	379
	40.484	1347.528	47.236	2694.067	60.427	1580.812	26.132	2214.268	14.290	1613.948	29.680	451.472	0.503	417
	88.895	1346.423	48.370	6176.757	67.719	1582.785	32.089	2962.873	29.124	1614.705	28.536	892.306	0.616	367
	67.912	1346.985	48.770	4650.757	57.514	1582.673	31.503	2439.436	24.238	1615.278	26.775	743.381	0.594	377
	71.784	1346.962	47.843	4896.750	60.997	1582.981	30.547	2462.994	23.402	1615.240	26.510	660.381	0.611	369
	64.889	1347.175	48.623	4462.913	53.537	1583.600	32.899	2384.042	22.198	1616.198	25.994	676.758	0.593	377
	92.424	1345.766	47.911	6341.542	57.601	1584.149	36.250	2741.965	27.535	1615.434	25.508	811.943	0.641	356
	69.216	1346.484	48.208	4741.802	55.613	1582.379	32.836	2410.036	23.277	1615.040	27.509	681.603	0.605	372
	121.467	1345.204	48.579	8473.319	70.214	1584.574	36.932	3436.877	33.962	1614.799	24.967	902.579	0.661	347
	48.346	1346.703	49.075	3319.275	44.196	1581.708	31.230	1873.653	17.053	1614.310	27.539	499.894	0.583	382
													<b>Average:</b>	<b>0.604</b>