

**Таблица 7.1 Термодинамические свойства диоксида углерода в однофазной области**

$T$	$p = 0.01$ МПа				$p = 0.1$ МПа			
	$\rho$	$h$	$s$	$c_p$	$\rho$	$h$	$s$	$c_p$
220	0.24	745538	5.041	0.760	2.44	743769	4.600	0.786
240	0.22	760957	5.108	0.782	2.23	759583	4.669	0.797
260	0.20	776813	5.171	0.804	2.05	775688	4.733	0.814
280	0.19	793104	5.232	0.825	1.90	792153	4.794	0.833
300	0.18	809822	5.289	0.846	1.77	808999	4.853	0.852
400	0.13	899269	5.546	0.939	1.33	898805	5.110	0.942
500	0.11	997070	5.764	1.014	1.06	996778	5.329	1.015
600	0.09	1101641	5.955	1.075	0.88	1101448	5.519	1.076
700	0.08	1211798	6.124	1.126	0.76	1211669	5.689	1.127
800	0.07	1326611	6.277	1.169	0.66	1326524	5.842	1.169
900	0.06	1445315	6.417	1.204	0.59	1445257	5.982	1.205
1000	0.05	1567274	6.546	1.234	0.53	1567239	6.111	1.234
1100	0.05	1691967	6.665	1.259	0.48	1691947	6.229	1.259
1200	0.04	1818960	6.775	1.280	0.44	1818954	6.340	1.280
1300	0.04	1947884	6.878	1.297	0.41	1947888	6.443	1.298
$T$	$p = 1$ МПа				$p = 10$ МПа			
220	1167.91	391585	2.673	1.822	1185.50	394431	2.651	1.749
240	24.86	743967	4.187	1.017	1116.04	430162	2.806	1.867
260	22.22	763466	4.265	0.945	1035.17	469237	2.963	2.041
280	20.21	782078	4.334	0.921	938.29	512141	3.121	2.278
300	18.59	800429	4.397	0.916	802.18	563153	3.297	2.986
400	13.48	894123	4.667	0.966	161.72	842884	4.135	1.326
500	10.66	993859	4.889	1.028	113.07	964866	4.407	1.169
600	8.84	1099530	5.081	1.084	89.92	1080985	4.619	1.161
700	7.56	1210378	5.252	1.132	75.49	1197955	4.799	1.180
800	6.61	1325653	5.406	1.173	65.37	1317228	4.959	1.206
900	5.87	1444683	5.546	1.207	57.80	1439061	5.102	1.231
1000	5.28	1566882	5.675	1.236	51.87	1563330	5.233	1.254
1100	4.80	1691755	5.794	1.261	47.09	1689790	5.354	1.275
1200	4.40	1818888	5.905	1.281	43.14	1818177	5.465	1.293
1300	4.06	1947923	6.008	1.299	39.82	1948222	5.569	1.308

Окончание таблицы 7.1

$T$	$p = 100$ МПа				$p = 300$ МПа			
	$\rho$	$h$	$s$	$c_p$	$\rho$	$h$	$s$	$c_p$
220	1289.30	437873	2.519	1.389	1376.85	555847	2.377	1.251
240	1252.90	465802	2.641	1.469	1357.68	581017	2.486	1.338
260	1212.87	496748	2.765	1.612	1340.51	609351	2.600	1.477
280	1171.29	529519	2.887	1.650	1324.80	639134	2.710	1.480
300	1129.53	562381	3.000	1.630	1308.96	668109	2.810	1.413
400	933.18	719150	3.451	1.529	1196.55	806616	3.208	1.430
500	771.43	869073	3.787	1.470	1090.27	950155	3.529	1.427
600	649.97	1013633	4.050	1.423	1006.22	1091165	3.786	1.394
700	560.63	1153952	4.266	1.385	933.89	1229482	3.999	1.376
800	494.37	1290992	4.449	1.358	868.36	1367142	4.183	1.379
900	443.72	1426047	4.608	1.345	809.00	1505608	4.346	1.390
1000	403.59	1560276	4.750	1.341	756.35	1645.184	4.493	1.401
1100	370.79	1694477	4.878	1.344	710.36	1785577	4.627	1.407
1200	343.31	1829118	4.995	1.350	670.37	1926410	4.749	1.410
1300	319.84	1964422	5.103	1.357	635.51	2067406	4.862	1.410