CO₂ PVT 数据处理汇总

第1 - 第3组数据

序号	Т	Р	h	V	*	序号	Т	Р	h	V	*	序号	Т	Р	h	V	*
	°C	MPa	mm	m³/kg			°C	MPa	mm	m³/kg			°C	MPa	mm	m³/kg	
1	10.0	2.30	0	1.34e- 03		1	15.0	2.41	0	1.34e- 03		1	20.0	2.42	0	1.34e- 03	
2	10.0	2.60	43	1.18e- 03		2	15.0	2.70	41	1.19e- 03		2	20.0	2.70	34	1.21e- 03	
3	10.0	2.90	81	1.04e- 03		3	15.0	3.00	79	1.05e- 03		3	20.0	3.00	74	1.06e- 03	
4	10.0	3.20	117	9.04e- 04		4	15.0	3.30	112	9.23e- 04		4	20.0	3.30	105	9.49e- 04	
5	10.0	3.50	142	8.10e- 04		5	15.0	3.60	139	8.22e- 04		5	20.0	3.60	132	8.48e- 04	
6	10.0	3.80	167	7.17e- 04		6	15.0	3.90	163	7.32e- 04		6	20.0	3.90	156	7.58e- 04	
7	10.0	4.10	188	6.39e- 04		7	15.0	4.20	185	6.50e- 04		7	20.0	4.20	177	6.80e- 04	
8	10.0	4.40	208	5.64e- 04		8	15.0	4.50	204	5.79e- 04		8	20.0	4.50	196	6.09e- 04	
9	10.0	4.55	227	4.93e- 04	*	9	15.0	4.80	222	5.12e- 04		9	20.0	4.80	213	5.45e- 04	
10	10.0	4.58	232	4.74e- 04		10	15.0	5.10	241	4.41e- 04		10	20.0	5.10	228	4.89e- 04	
11	10.0	4.60	250	4.07e- 04		11	15.0	5.11	245	4.26e- 04	*	11	20.0	5.40	242	4.37e- 04	
12	10.0	4.60	255	3.88e- 04		12	15.0	5.12	250	4.07e- 04		12	20.0	5.70	261	3.66e- 04	*
13	10.0	4.62	260	3.70e- 04		13	15.0	5.12	255	3.88e- 04		13	20.0	5.71	265	3.51e- 04	
14	10.0	4.65	265	3.51e- 04		14	15.0	5.13	260	3.70e- 04		14	20.0	5.72	271	3.29e- 04	
15	10.0	4.65	275	3.14e- 04		15	15.0	5.14	265	3.51e- 04		15	20.0	5.73	275	3.14e- 04	
16	10.0	4.65	270	3.32e- 04		16	15.0	5.12	270	3.32e- 04		16	20.0	5.74	280	2.95e- 04	
17	10.0	4.65	275	3.14e- 04		17	15.0	5.14	275	3.14e- 04		17	20.0	5.78	285	2.76e- 04	

序号	Т	Р	h	V	*	序号	Т	Р	h	V	*	序号	Т	Р	h	V	*
18	10.0	4.65	280	2.95e- 04		18	15.0	5.18	280	2.95e- 04		18	20.0	5.79	290	2.58e- 04	
19	10.0	4.65	285	2.76e- 04		19	15.0	5.20	285	2.76e- 04		19	20.0	5.81	295	2.39e- 04	
20	10.0	4.65	290	2.58e- 04		20	15.0	5.22	290	2.58e- 04		20	20.0	5.82	300	2.20e- 04	
21	10.0	4.68	295	2.39e- 04		21	15.0	5.25	295	2.39e- 04		21	20.0	5.88	305	2.02e- 04	
22	10.0	4.70	300	2.20e- 04		22	15.0	5.30	300	2.20e- 04		22	20.0	5.93	310	1.83e- 04	
23	10.0	4.71	305	2.02e- 04		23	15.0	5.35	305	2.02e- 04		23	20.0	6.01	315	1.64e- 04	
24	10.0	4.85	316	1.61e- 04		24	15.0	5.40	310	1.83e- 04		24	20.0	6.11	320	1.46e- 04	
25	10.0	4.92	320	1.46e- 04		25	15.0	5.46	315	1.64e- 04		25	20.0	6.28	325	1.27e- 04	
26	10.0	5.12	325	1.27e- 04		26	15.0	5.54	320	1.46e- 04		26	20.0	6.50	330	1.08e- 04	
27	10.0	5.45	330	1.08e- 04		27	15.0	5.70	325	1.27e- 04		27	20.0	8.00	335	8.96e- 05	
28	10.0	6.60	335	8.96e- 05		28	15.0	5.98	330	1.08e- 04							
29	10.0	8.00	337	8.22e- 05		29	15.0	6.90	335	8.96e- 05							
						30	15.0	8.00	336	8.59e- 05							

第4 - 第6组数据

序号	Т	Р	h	V	*	序号	Т	Р	h	V	*	序号	Т	Р	h	٧	*
	°C	MPa	mm	m³/kg			°C	MPa	mm	m³/kg			°C	MPa	mm	m³/kg	
1	25.0	2.52	0	1.34e- 03		1	31.1	2.60	0	1.34e- 03		1	35.0	2.68	0	1.34e- 03	
2	25.0	2.80	38	1.20e- 03		2	31.1	2.90	40	1.19e- 03		2	35.0	3.00	40	1.19e- 03	
3	25.0	3.10	74	1.06e- 03		3	31.1	3.20	74	1.06e- 03		3	35.0	3.30	80	1.04e- 03	
4	25.0	3.40	105	9.49e- 04		4	31.1	3.50	103	9.56e- 04		4	35.0	3.60	108	9.37e- 04	
5	25.0	3.70	131	8.52e- 04		5	31.1	3.80	127	8.67e- 04		5	35.0	3.90	130	8.55e- 04	

序号	Т	Р	h	V	*	序号	Т	Р	h	V	*	序号	Т	Р	h	V	*
6	25.0	4.00	153	7.69e- 04		6	31.1	4.10	150	7.81e- 04		6	35.0	4.20	153	7.69e- 04	
7	25.0	4.30	175	6.87e- 04		7	31.1	4.40	170	7.06e- 04		7	35.0	4.50	172	6.98e- 04	
8	25.0	4.60	192	6.24e- 04		8	31.1	4.70	187	6.42e- 04		8	35.0	4.80	188	6.39e- 04	
9	25.0	4.90	207	5.68e- 04		9	31.1	5.00	202	5.86e- 04		9	35.0	5.10	202	5.86e- 04	
10	25.0	5.20	222	5.12e- 04		10	31.1	5.30	212	5.49e- 04		10	35.0	5.40	215	5.38e- 04	
11	25.0	5.50	237	4.56e- 04		11	31.1	5.60	229	4.86e- 04		11	35.0	5.70	228	4.89e- 04	
12	25.0	5.80	249	4.11e- 04		12	31.1	5.90	240	4.44e- 04		12	35.0	6.00	239	4.48e- 04	
13	25.0	6.10	261	3.66e- 04		13	31.1	6.20	252	4.00e- 04		13	35.0	6.30	249	4.11e- 04	
14	25.0	6.40	278	3.03e- 04	*	14	31.1	6.50	263	3.59e- 04		14	35.0	6.60	259	3.73e- 04	
15	25.0	6.42	285	2.76e- 04		15	31.1	6.80	273	3.21e- 04		15	35.0	6.90	270	3.32e- 04	
16	25.0	6.48	294	2.43e- 04		16	31.1	7.10	286	2.73e- 04		16	35.0	7.20	279	2.99e- 04	
17	25.0	6.50	297	2.32e- 04		17	31.1	7.40	302	2.13e- 04	*	17	35.0	7.50	288	2.65e- 04	
18	25.0	6.53	304	2.05e- 04		18	31.1	7.43	310	1.83e- 04		18	35.0	7.80	299	2.24e- 04	
19	25.0	6.61	310	1.83e- 04		19	31.1	7.52	315	1.64e- 04		19	35.0	8.00	307	1.94e- 04	
20	25.0	6.72	315	1.64e- 04		20	31.1	7.65	320	1.46e- 04							
21	25.0	6.85	320	1.46e- 04		21	31.1	7.83	325	1.27e- 04							
22	25.0	7.00	325	1.27e- 04		22	31.1	8.00	327	1.20e- 04							
23	25.0	7.36	330	1.08e- 04													
24	25.0	7.80	332	1.01e- 04													
25	25.0	8.00	333	9.71e- 05													

第7 - 第9组数据

序号	Т	Р	h	V	*	序号	Т	Р	h	v	*	序号	Т	Р	h	V	*
	°C	MPa	mm	m³/kg			°C	MPa	mm	m³/kg			°C	MPa	mm	m³/kg	
1	40.0	2.72	0	1.34e- 03		1	50.0	2.82	0	1.34e- 03		1	60.0	3.00	0	1.34e- 03	
2	40.0	3.00	38	1.20e- 03		2	50.0	3.10	33	1.22e- 03		2	60.0	3.30	41	1.19e- 03	
3	40.0	3.30	72	1.07e- 03		3	50.0	3.40	61	1.11e- 03		3	60.0	3.60	70	1.08e- 03	
4	40.0	3.60	99	9.71e- 04		4	50.0	3.70	93	9.93e- 04		4	60.0	3.90	92	9.97e- 04	
5	40.0	3.90	121	8.89e- 04		5	50.0	4.00	116	9.08e- 04		5	60.0	4.20	118	9.00e- 04	
6	40.0	4.20	144	8.03e- 04		6	50.0	4.30	138	8.25e- 04		6	60.0	4.50	139	8.22e- 04	
7	40.0	4.50	162	7.36e- 04		7	50.0	4.60	156	7.58e- 04		7	60.0	4.80	149	7.84e- 04	
8	40.0	4.80	179	6.72e- 04		8	50.0	4.90	173	6.95e- 04		8	60.0	5.10	169	7.10e- 04	
9	40.0	5.10	194	6.16e- 04		9	50.0	5.20	188	6.39e- 04		9	60.0	5.40	183	6.57e- 04	
10	40.0	5.40	207	5.68e- 04		10	50.0	5.50	200	5.94e- 04		10	60.0	5.70	191	6.27e- 04	
11	40.0	5.70	221	5.15e- 04		11	50.0	5.80	213	5.45e- 04		11	60.0	6.00	207	5.68e- 04	
12	40.0	6.00	231	4.78e- 04		12	50.0	6.10	223	5.08e- 04		12	60.0	6.30	212	5.49e- 04	
13	40.0	6.30	242	4.37e- 04		13	50.0	6.40	233	4.71e- 04		13	60.0	6.60	221	5.15e- 04	
14	40.0	6.60	251	4.03e- 04		14	50.0	6.70	241	4.41e- 04		14	60.0	6.90	234	4.67e- 04	
15	40.0	6.90	260	3.70e- 04		15	50.0	7.00	250	4.07e- 04		15	60.0	7.20	242	4.37e- 04	
16	40.0	7.20	268	3.40e- 04		16	50.0	7.30	258	3.77e- 04		16	60.0	7.50	249	4.11e- 04	
17	40.0	7.50	277	3.06e- 04		17	50.0	7.60	264	3.55e- 04		17	60.0	7.80	255	3.88e- 04	
18	40.0	7.80	284	2.80e- 04		18	50.0	7.90	270	3.32e- 04		18	60.0	8.00	259	3.73e- 04	
19	40.0	8.00	289	2.61e- 04		19	50.0	8.00	273	3.21e- 04							

第10 - 第10组数据

序号	Т	Р	h	V	*	序号	Т	Р	h	V	*	序	号	Т	Р	h	V	*
	°C	MPa	mm	m³/kg			°C	MPa	mm	m³/kg				°C	MPa	mm	m³/kg	
1	70.0	3.10	0	1.34e-03														
2	70.0	3.40	37	1.20e-03														
3	70.0	3.70	60	1.12e-03														
4	70.0	4.00	91	1.00e-03														
5	70.0	4.30	108	9.37e-04														
6	70.0	4.60	127	8.67e-04														
7	70.0	4.90	148	7.88e-04														
8	70.0	5.20	163	7.32e-04														
9	70.0	5.50	176	6.83e-04														
10	70.0	5.80	188	6.39e-04														
11	70.0	6.10	200	5.94e-04														
12	70.0	6.40	209	5.60e-04														
13	70.0	6.70	218	5.27e-04														
14	70.0	7.00	227	4.93e-04														
15	70.0	7.30	234	4.67e-04														
16	70.0	7.60	241	4.41e-04														
17	70.0	7.90	247	4.18e-04														
18	70.0	8.00	249	4.11e-04														