



PlusICE PCM TEMPERATURE (H) RANGE

2011-1

PCM Type	Phase Change Temperature		Density		Latent Heat Capacity		Volumetric Heat Capacity		Specific Heat Capacity		Thermal Conductivity	
	(°C)	(°F)	(kg/m ³)	(lb / ft ³)	(kJ/kg)	(Btu / lb)	(MJ/m ³)	(Btu / ft ³)	(kJ/kg K)	(Btu / lb°F)	(W/m K)	(Btu / ft ² h°F)
HIGH TEMPERATURE PCM SOLUTIONS												
H105	104	219	1,700	106	125	54	213	5,704	1.500	0.355	0.500	0.289
H115	114	237	2,200	137	100	43	220	5,905	1.505	0.357	0.503	0.291
H120	120	248	2,220	139	120	52	266	7,150	1.510	0.358	0.506	0.292
H160	162	324	1,910	119	105	45	201	5,383	1.505	0.357	0.509	0.294
H190	191	376	2,300	144	170	73	391	10,494	1.510	0.358	0.512	0.296
H220	220	428	2,000	125	100	43	200	5,368	1.515	0.359	0.515	0.298
H230	227	441	1,553	97	105	45	163	4,377	1.520	0.360	0.518	0.299
H250	250	482	2,380	149	280	120	666	17,886	1.525	0.361	0.521	0.301
H255	254	489	2,380	149	270	116	643	17,247	1.530	0.362	0.524	0.303
H280	282	540	2,250	140	160	69	360	9,662	1.535	0.364	0.527	0.305
H285	285	545	2,200	137	85	37	187	5,019	1.540	0.365	0.530	0.306
H290	292	558	2,200	137	150	65	330	8,857	1.545	0.366	0.533	0.308
H300	302	576	1,900	119	130	56	247	6,629	1.550	0.367	0.537	0.310
H305	305	581	1,570	98	150	65	236	6,321	1.555	0.368	0.541	0.313
H320	320	608	2,100	131	70	30	147	3,945	1.500	0.355	0.545	0.315
H325	327	621	2,110	132	80	34	169	4,531	1.505	0.357	0.549	0.317
H335	334	633	2,110	132	80	34	169	4,531	1.510	0.358	0.553	0.320
H355	353	667	2,060	129	230	99	474	12,717	1.520	0.360	0.556	0.321
H380	382	720	2,050	128	225	97	461	12,380	1.525	0.361	0.559	0.323
H395	395	743	2,330	145	215	92	501	13,445	1.530	0.362	0.562	0.325
H425	425	797	2,100	131	220	95	462	12,400	1.535	0.364	0.565	0.327
H430	430	806	2,160	135	125	54	270	7,247	1.540	0.365	0.568	0.328
H485	483	901	2,220	139	200	86	444	11,917	1.545	0.366	0.571	0.330
H500	500	932	2,220	139	300	129	666	17,875	1.550	0.367	0.569	0.329
H500	500	932	2,140	134	140	60	300	8,041	1.555	0.368	0.567	0.328
H525	525	977	2,350	147	155	67	364	9,776	1.560	0.370	0.565	0.327
H535	535	995	2,320	145	130	56	302	8,095	1.565	0.371	0.563	0.325
H610	610	1,130	2,070	129	410	176	849	22,779	1.570	0.372	0.561	0.324
H640	640	1,184	2,380	149	338	145	804	21,591	1.575	0.373	0.559	0.323
H650	652	1,206	2,450	153	300	129	735	19,727	1.580	0.374	0.557	0.322
H690	687	1,269	2,400	150	250	108	600	16,104	1.585	0.375	0.560	0.324
H695	695	1,283	2,460	154	280	120	689	18,487	1.590	0.377	0.563	0.325
H700	699	1,290	2,410	150	250	108	603	16,171	1.595	0.378	0.566	0.327
H705	706	1,303	2,430	152	250	108	608	16,305	1.600	0.379	0.569	0.329
H705	705	1,301	2,040	127	452	194	922	24,749	1.595	0.378	0.573	0.331
H725	725	1,337	2,210	138	602	259	1,330	35,708	1.590	0.377	0.577	0.334
H755	755	1,391	2,160	135	466	200	1,007	27,016	1.585	0.375	0.581	0.336
H845	845	1,553	2,530	158	276	119	698	18,742	1.580	0.374	0.585	0.338
H885	885	1,625	2,290	143	236	102	540	14,505	1.575	0.373	0.589	0.340

PCM Products has a policy of continues product and product data improvement and reserves the right to chan