


TEMPERATURE-TABLE for PTCR
 Higher quality products and lower costs through improved, reliable firing control

Type PTCR - ETH	:	1409477	Ring Colour	:	Green
Ferro no.	:		Dimensions	:	± 20 x 10 x 7,0 mm
Temperature Range °C	:	850 - 1100°C			

Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature
mm	°C	mm	°C	mm	°C	mm	°C	mm	°C	mm	°C
				18,50	1057 °	19,00	996 °	19,50	932 °		
				18,51	1056 °	19,01	995 °	19,51	931 °		
				18,52	1054 °	19,02	994 °	19,52	929 °		
				18,53	1053 °	19,03	992 °	19,53	928 °		
				18,54	1052 °	19,04	991 °	19,54	926 °		
				18,55	1051 °	19,05	990 °	19,55	925 °		
				18,56	1049 °	19,06	989 °	19,56	923 °		
				18,57	1048 °	19,07	988 °	19,57	922 °		
				18,58	1047 °	19,08	986 °	19,58	920 °		
				18,59	1046 °	19,09	985 °	19,59	918 °		
				18,60	1045 °	19,10	984 °	19,60	917 °		
				18,61	1043 °	19,11	983 °	19,61	915 °		
		18,12	1100 °	18,62	1042 °	19,12	982 °	19,62	913 °		
		18,13	1099 °	18,63	1041 °	19,13	981 °	19,63	912 °		
		18,14	1098 °	18,64	1040 °	19,14	979 °	19,64	910 °		
		18,15	1097 °	18,65	1038 °	19,15	978 °	19,65	908 °		
		18,16	1096 °	18,66	1037 °	19,16	977 °	19,66	906 °		
		18,17	1095 °	18,67	1036 °	19,17	976 °	19,67	904 °		
		18,18	1094 °	18,68	1035 °	19,18	975 °	19,68	903 °		
		18,19	1093 °	18,69	1033 °	19,19	973 °	19,69	901 °		
		18,20	1092 °	18,70	1032 °	19,20	972 °	19,70	899 °		
		18,21	1091 °	18,71	1031 °	19,21	971 °	19,71	897 °		
		18,22	1090 °	18,72	1030 °	19,22	970 °	19,72	895 °		
		18,23	1088 °	18,73	1028 °	19,23	968 °	19,73	893 °		
		18,24	1087 °	18,74	1027 °	19,24	967 °	19,74	891 °		
		18,25	1086 °	18,75	1026 °	19,25	966 °	19,75	889 °		
		18,26	1085 °	18,76	1025 °	19,26	965 °	19,76	887 °		
		18,27	1084 °	18,77	1024 °	19,27	963 °	19,77	885 °		
		18,28	1083 °	18,78	1022 °	19,28	962 °	19,78	883 °		
		18,29	1082 °	18,79	1021 °	19,29	961 °	19,79	880 °		
		18,30	1081 °	18,80	1020 °	19,30	960 °	19,80	878 °		
		18,31	1080 °	18,81	1019 °	19,31	958 °	19,81	876 °		
		18,32	1078 °	18,82	1018 °	19,32	957 °	19,82	874 °		
		18,33	1077 °	18,83	1016 °	19,33	956 °	19,83	871 °		
		18,34	1076 °	18,84	1015 °	19,34	955 °	19,84	869 °		
		18,35	1075 °	18,85	1014 °	19,35	953 °	19,85	867 °		
		18,36	1074 °	18,86	1013 °	19,36	952 °	19,86	864 °		
		18,37	1073 °	18,87	1011 °	19,37	951 °	19,87	862 °		
		18,38	1071 °	18,88	1010 °	19,38	949 °	19,88	859 °		
		18,39	1070 °	18,89	1009 °	19,39	948 °	19,89	857 °		
		18,40	1069 °	18,90	1008 °	19,40	947 °	19,90	854 °		
		18,41	1068 °	18,91	1007 °	19,41	945 °	19,91	852 °		
		18,42	1067 °	18,92	1006 °	19,42	944 °	19,92	849 °		
		18,43	1065 °	18,93	1004 °	19,43	942 °				
		18,44	1064 °	18,94	1003 °	19,44	941 °				
		18,45	1063 °	18,95	1002 °	19,45	940 °				
		18,46	1062 °	18,96	1001 °	19,46	938 °				
		18,47	1061 °	18,97	1000 °	19,47	937 °				
		18,48	1059 °	18,98	998 °	19,48	935 °				
		18,49	1058 °	18,99	997 °	19,49	934 °				

Powder Batch # : 86
 Date : 04/01/2022

Batch approved
 Quality Inspection : 


For inquiries :
 Customer Service Desk
 Phone : +49 69 27116 432
 Fax : +49 69 27116 243



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Type PTCR - ETH				Ring Colour : Green			
Ferro no. :		1409477		Dimensions :		± 20 x 10 x 7,0 mm	
Temperature Range °F :		1562 - 2012°F					

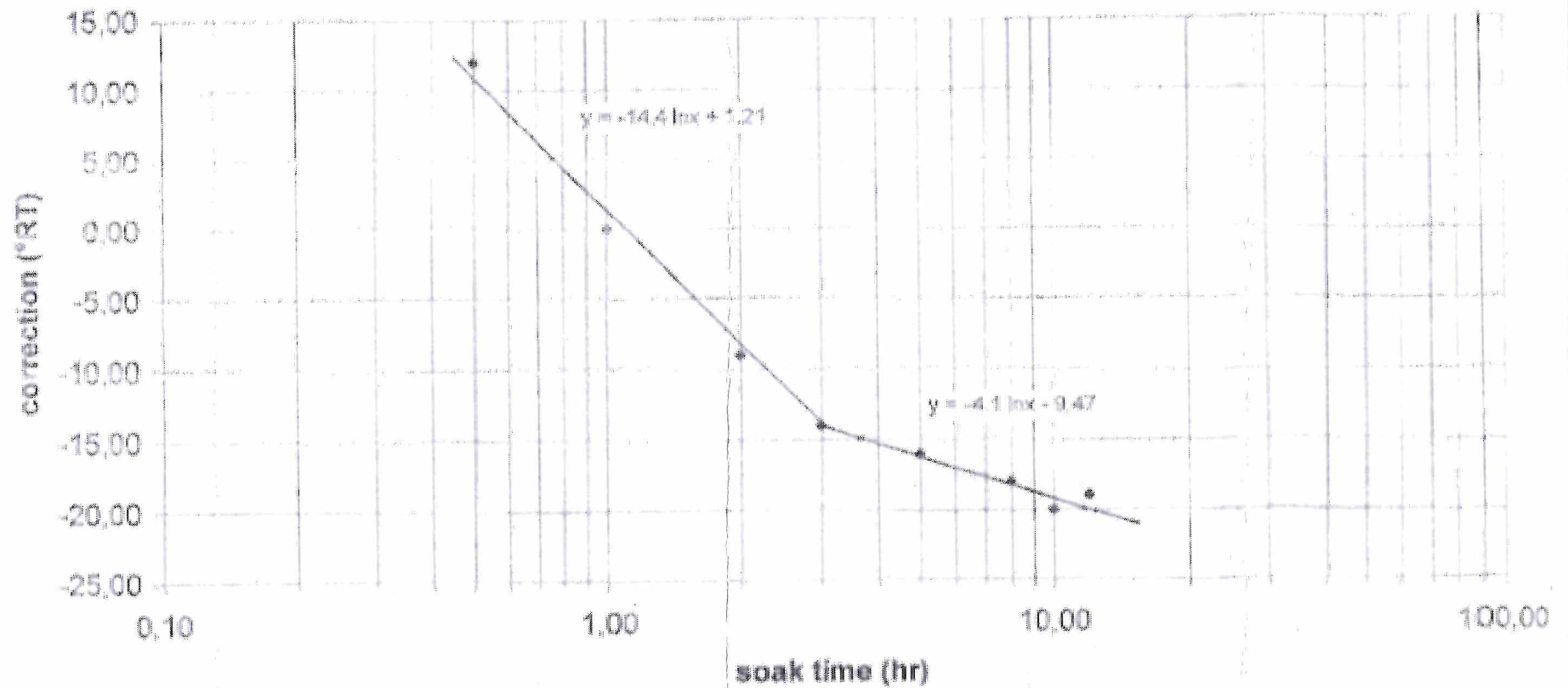
Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature	Ring diameter	Ring temperature
mm	°F	mm	°F	mm	°F	mm	°F	mm	°F	mm	°F
				18,50	1934 °	19,00	1825 °	19,50	1710 °		
				18,51	1932 °	19,01	1823 °	19,51	1708 °		
				18,52	1930 °	19,02	1820 °	19,52	1705 °		
				18,53	1928 °	19,03	1818 °	19,53	1702 °		
				18,54	1925 °	19,04	1816 °	19,54	1699 °		
				18,55	1923 °	19,05	1814 °	19,55	1697 °		
				18,56	1921 °	19,06	1812 °	19,56	1694 °		
				18,57	1919 °	19,07	1810 °	19,57	1691 °		
				18,58	1917 °	19,08	1808 °	19,58	1688 °		
				18,59	1914 °	19,09	1806 °	19,59	1685 °		
				18,60	1912 °	19,10	1803 °	19,60	1682 °		
		18,11	2013 °	18,61	1910 °	19,11	1801 °	19,61	1679 °		
		18,12	2011 °	18,62	1908 °	19,12	1799 °	19,62	1676 °		
		18,13	2009 °	18,63	1905 °	19,13	1797 °	19,63	1673 °		
		18,14	2008 °	18,64	1903 °	19,14	1795 °	19,64	1670 °		
		18,15	2006 °	18,65	1901 °	19,15	1793 °	19,65	1667 °		
		18,16	2004 °	18,66	1899 °	19,16	1790 °	19,66	1663 °		
		18,17	2002 °	18,67	1897 °	19,17	1788 °	19,67	1660 °		
		18,18	2001 °	18,68	1894 °	19,18	1786 °	19,68	1657 °		
		18,19	1999 °	18,69	1892 °	19,19	1784 °	19,69	1653 °		
		18,20	1997 °	18,70	1890 °	19,20	1782 °	19,70	1650 °		
		18,21	1995 °	18,71	1888 °	19,21	1780 °	19,71	1646 °		
		18,22	1993 °	18,72	1885 °	19,22	1777 °	19,72	1643 °		
		18,23	1991 °	18,73	1883 °	19,23	1775 °	19,73	1639 °		
		18,24	1989 °	18,74	1881 °	19,24	1773 °	19,74	1636 °		
		18,25	1987 °	18,75	1879 °	19,25	1771 °	19,75	1632 °		
		18,26	1985 °	18,76	1877 °	19,26	1769 °	19,76	1628 °		
		18,27	1983 °	18,77	1874 °	19,27	1766 °	19,77	1625 °		
		18,28	1981 °	18,78	1872 °	19,28	1764 °	19,78	1621 °		
		18,29	1979 °	18,79	1870 °	19,29	1762 °	19,79	1617 °		
		18,30	1977 °	18,80	1868 °	19,30	1759 °	19,80	1613 °		
		18,31	1975 °	18,81	1866 °	19,31	1757 °	19,81	1609 °		
		18,32	1973 °	18,82	1864 °	19,32	1755 °	19,82	1605 °		
		18,33	1971 °	18,83	1861 °	19,33	1753 °	19,83	1601 °		
		18,34	1969 °	18,84	1859 °	19,34	1750 °	19,84	1596 °		
		18,35	1967 °	18,85	1857 °	19,35	1748 °	19,85	1592 °		
		18,36	1965 °	18,86	1855 °	19,36	1746 °	19,86	1588 °		
		18,37	1963 °	18,87	1853 °	19,37	1743 °	19,87	1583 °		
		18,38	1961 °	18,88	1851 °	19,38	1741 °	19,88	1579 °		
		18,39	1958 °	18,89	1848 °	19,39	1738 °	19,89	1574 °		
		18,40	1956 °	18,90	1846 °	19,40	1736 °	19,90	1570 °		
		18,41	1954 °	18,91	1844 °	19,41	1733 °	19,91	1565 °		
		18,42	1952 °	18,92	1842 °	19,42	1731 °	19,92	1560 °		
		18,43	1950 °	18,93	1840 °	19,43	1728 °				
		18,44	1948 °	18,94	1838 °	19,44	1726 °				
		18,45	1945 °	18,95	1835 °	19,45	1723 °				
		18,46	1943 °	18,96	1833 °	19,46	1721 °				
		18,47	1941 °	18,97	1831 °	19,47	1718 °				
		18,48	1939 °	18,98	1829 °	19,48	1716 °				
		18,49	1937 °	18,99	1827 °	19,49	1713 °				

Powder Batch # :	86	Batch approved	
Date :	04/01/2022	Quality Inspection :	

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ETL & ETH ringtemperature correction graph for soak time



soak time (hr)	0.5	1 (ref)	2	3	5	8	10	12
°RT	983	975	964	959	951	943	935	934
correction	12	0	-8	-14	-16	-18	-20	-18