



Performance Pigments & Colors

FERRO (FRANCE) SARL
43, RUE JEANNE D'ARC
52115 SAINT-DIZIER CEDEX
FRANCE

TEMPERATURE-TABLE for PTCR

Higher quality products and lower costs through improved, reliable firing control

| | | | | |
|----------------------|----------------|-------------|---|----------------------------------|
| Type PTCR - LTH | | Ring Colour | : | Red |
| Ferro No. | : 1400604 | Dimensions | : | $\pm 20 \times 10 \times 7,0$ mm |
| Temperature Range °C | : 970 - 1250°C | | | |

| Ring diameter | Ring temperature |
|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|
| mm | °C |
| | | | | 19,30 | 1199 ° | 19,80 | 1105 ° | | | | |
| | | | | 19,31 | 1198 ° | 19,81 | 1102 ° | | | | |
| | | | | 19,32 | 1197 ° | 19,82 | 1099 ° | | | | |
| | | | | 19,33 | 1195 ° | 19,83 | 1095 ° | | | | |
| | | | | 19,34 | 1194 ° | 19,84 | 1092 ° | | | | |
| | | | | 19,35 | 1193 ° | 19,85 | 1088 ° | | | | |
| | | | | 19,36 | 1191 ° | 19,86 | 1085 ° | | | | |
| | | | | 19,37 | 1190 ° | 19,87 | 1081 ° | | | | |
| | | | | 19,38 | 1189 ° | 19,88 | 1077 ° | | | | |
| | | | | 19,39 | 1187 ° | 19,89 | 1074 ° | | | | |
| | | | | 19,40 | 1186 ° | 19,90 | 1070 ° | | | | |
| | | | | 19,41 | 1185 ° | 19,91 | 1066 ° | | | | |
| | | | | 19,42 | 1183 ° | 19,92 | 1061 ° | | | | |
| | | | | 19,43 | 1182 ° | 19,93 | 1057 ° | | | | |
| | | | | 19,44 | 1181 ° | 19,94 | 1053 ° | | | | |
| | | | | 19,45 | 1179 ° | 19,95 | 1049 ° | | | | |
| | | | 1250 ° | 19,46 | 1178 ° | 19,96 | 1044 ° | | | | |
| | | | 1248 ° | 19,47 | 1176 ° | 19,97 | 1039 ° | | | | |
| | | | 1246 ° | 19,48 | 1175 ° | 19,98 | 1035 ° | | | | |
| | | | | 19,49 | 1173 ° | 19,99 | 1030 ° | | | | |
| | | | 19,00 | 1244 ° | 19,50 | 1172 ° | 20,00 | 1025 ° | | | |
| | | | 19,01 | 1242 ° | 19,51 | 1170 ° | 20,01 | 1020 ° | | | |
| | | | 19,02 | 1240 ° | 19,52 | 1169 ° | 20,02 | 1015 ° | | | |
| | | | 19,03 | 1239 ° | 19,53 | 1167 ° | 20,03 | 1009 ° | | | |
| | | | 19,04 | 1237 ° | 19,54 | 1165 ° | 20,04 | 1004 ° | | | |
| | | | 19,05 | 1235 ° | 19,55 | 1164 ° | 20,05 | 998 ° | | | |
| | | | 19,06 | 1233 ° | 19,56 | 1162 ° | 20,06 | 993 ° | | | |
| | | | 19,07 | 1232 ° | 19,57 | 1160 ° | 20,07 | 987 ° | | | |
| | | | 19,08 | 1230 ° | 19,58 | 1158 ° | 20,08 | 981 ° | | | |
| | | | 19,09 | 1228 ° | 19,59 | 1156 ° | 20,09 | 975 ° | | | |
| | | | 19,10 | 1227 ° | 19,60 | 1155 ° | 20,10 | 969 ° | | | |
| | | | 19,11 | 1225 ° | 19,61 | 1153 ° | | | | | |
| | | | 19,12 | 1224 ° | 19,62 | 1151 ° | | | | | |
| | | | 19,13 | 1222 ° | 19,63 | 1149 ° | | | | | |
| | | | 19,14 | 1221 ° | 19,64 | 1146 ° | | | | | |
| | | | 19,15 | 1219 ° | 19,65 | 1144 ° | | | | | |
| | | | 19,16 | 1218 ° | 19,66 | 1142 ° | | | | | |
| | | | 19,17 | 1216 ° | 19,67 | 1140 ° | | | | | |
| | | | 19,18 | 1215 ° | 19,68 | 1138 ° | | | | | |
| | | | 19,19 | 1213 ° | 19,69 | 1135 ° | | | | | |
| | | | 19,20 | 1212 ° | 19,70 | 1133 ° | | | | | |
| | | | 19,21 | 1211 ° | 19,71 | 1130 ° | | | | | |
| | | | 19,22 | 1209 ° | 19,72 | 1128 ° | | | | | |
| | | | 19,23 | 1208 ° | 19,73 | 1125 ° | | | | | |
| | | | 19,24 | 1207 ° | 19,74 | 1123 ° | | | | | |
| | | | 19,25 | 1205 ° | 19,75 | 1120 ° | | | | | |
| | | | 19,26 | 1204 ° | 19,76 | 1117 ° | | | | | |
| | | | 19,27 | 1203 ° | 19,77 | 1114 ° | | | | | |
| | | | 19,28 | 1202 ° | 19,78 | 1111 ° | | | | | |
| | | | 19,29 | 1200 ° | 19,79 | 1108 ° | | | | | |

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|----------------|---|------------|----------------------|
| Powder Batch # | : | 163 | Batch approved |
| Date : | | 04.02.2020 | Quality Inspection : |

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

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

| | | |
|--------------------------------------|-------------|----------------------|
| Type PTCR - LTH | Ring Colour | : Red |
| Ferro No. : 1400604 | Dimensions | : ± 20 x 10 x 7,0 mm |
| Temperature Range °F : 1778 - 2282°F | | |

| Ring diameter | Ring temperature |
|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|
| mm | °F |
| | | | | 19,30 | 2190 ° | 19,80 | 2021 ° | | | | |
| | | | | 19,31 | 2188 ° | 19,81 | 2015 ° | | | | |
| | | | | 19,32 | 2186 ° | 19,82 | 2010 ° | | | | |
| | | | | 19,33 | 2183 ° | 19,83 | 2004 ° | | | | |
| | | | | 19,34 | 2181 ° | 19,84 | 1997 ° | | | | |
| | | | | 19,35 | 2179 ° | 19,85 | 1991 ° | | | | |
| | | | | 19,36 | 2176 ° | 19,86 | 1985 ° | | | | |
| | | | | 19,37 | 2174 ° | 19,87 | 1978 ° | | | | |
| | | | | 19,38 | 2172 ° | 19,88 | 1971 ° | | | | |
| | | | | 19,39 | 2169 ° | 19,89 | 1964 ° | | | | |
| | | | | 19,40 | 2167 ° | 19,90 | 1957 ° | | | | |
| | | | | 19,41 | 2165 ° | 19,91 | 1950 ° | | | | |
| | | | | 19,42 | 2162 ° | 19,92 | 1943 ° | | | | |
| | | | | 19,43 | 2160 ° | 19,93 | 1935 ° | | | | |
| | | | | 19,44 | 2157 ° | 19,94 | 1927 ° | | | | |
| | | | | 19,45 | 2155 ° | 19,95 | 1919 ° | | | | |
| | 18,97 | 2283 ° | | 19,46 | 2152 ° | 19,96 | 1911 ° | | | | |
| | 18,98 | 2279 ° | | 19,47 | 2149 ° | 19,97 | 1903 ° | | | | |
| | 18,99 | 2275 ° | | 19,48 | 2147 ° | 19,98 | 1894 ° | | | | |
| | | | | 19,49 | 2144 ° | 19,99 | 1886 ° | | | | |
| | | | 19,00 | 2272 ° | 19,50 | 2141 ° | 20,00 | 1877 ° | | | |
| | | | 19,01 | 2268 ° | 19,51 | 2138 ° | 20,01 | 1868 ° | | | |
| | | | 19,02 | 2265 ° | 19,52 | 2135 ° | 20,02 | 1858 ° | | | |
| | | | 19,03 | 2262 ° | 19,53 | 2133 ° | 20,03 | 1849 ° | | | |
| | | | 19,04 | 2258 ° | 19,54 | 2130 ° | 20,04 | 1839 ° | | | |
| | | | 19,05 | 2255 ° | 19,55 | 2126 ° | 20,05 | 1829 ° | | | |
| | | | 19,06 | 2252 ° | 19,56 | 2123 ° | 20,06 | 1819 ° | | | |
| | | | 19,07 | 2249 ° | 19,57 | 2120 ° | 20,07 | 1809 ° | | | |
| | | | 19,08 | 2246 ° | 19,58 | 2117 ° | 20,08 | 1798 ° | | | |
| | | | 19,09 | 2243 ° | 19,59 | 2114 ° | 20,09 | 1787 ° | | | |
| | | | 19,10 | 2240 ° | 19,60 | 2110 ° | 20,10 | 1776 ° | | | |
| | | | 19,11 | 2237 ° | 19,61 | 2107 ° | | | | | |
| | | | 19,12 | 2234 ° | 19,62 | 2103 ° | | | | | |
| | | | 19,13 | 2232 ° | 19,63 | 2099 ° | | | | | |
| | | | 19,14 | 2229 ° | 19,64 | 2096 ° | | | | | |
| | | | 19,15 | 2226 ° | 19,65 | 2092 ° | | | | | |
| | | | 19,16 | 2224 ° | 19,66 | 2088 ° | | | | | |
| | | | 19,17 | 2221 ° | 19,67 | 2084 ° | | | | | |
| | | | 19,18 | 2219 ° | 19,68 | 2080 ° | | | | | |
| | | | 19,19 | 2216 ° | 19,69 | 2075 ° | | | | | |
| | | | 19,20 | 2214 ° | 19,70 | 2071 ° | | | | | |
| | | | 19,21 | 2211 ° | 19,71 | 2067 ° | | | | | |
| | | | 19,22 | 2209 ° | 19,72 | 2062 ° | | | | | |
| | | | 19,23 | 2207 ° | 19,73 | 2057 ° | | | | | |
| | | | 19,24 | 2204 ° | 19,74 | 2053 ° | | | | | |
| | | | 19,25 | 2202 ° | 19,75 | 2048 ° | | | | | |
| | | | 19,26 | 2200 ° | 19,76 | 2043 ° | | | | | |
| | | | 19,27 | 2197 ° | 19,77 | 2037 ° | | | | | |
| | | | 19,28 | 2195 ° | 19,78 | 2032 ° | | | | | |
| | | | 19,29 | 2193 ° | 19,79 | 2027 ° | | | | | |

| | |
|----------------------|----------------------|
| Powder Batch # : 163 | Batch approved |
| Date : 04.02.2020 | Quality Inspection : |

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