

# 成形材料試験成績表

平成28年8月度



株式会社 未来樹



〒187-0043 東京都小平市学園東町1丁目7番14号  
TEL:042-346-1100 FAX:042-346-2020

成形材料名:ポリエチレン

| 試験項目      | 試験方法       | 単位                | 規格値           | 試験値   |
|-----------|------------|-------------------|---------------|-------|
| 密度        | JIS K 7112 | kg/m <sup>3</sup> | 942 以上        | 962   |
| メルトフローレート | JIS K 7210 | g/10min           | 1.5 以上 6.0 未満 | 5.4   |
| 引張降伏強さ    | JIS K 7161 | MPa               | 19.61 以上      | 27.93 |
| デュロメータD硬さ | JIS K 7215 | H <sub>D</sub> D  | 60 以上         | 64    |
| ビカッ軟化点    | JIS K 7206 | °C                | 105 以上        | 127   |

[備考] 本表は、材料メーカーの報告によるもので、当社製品の成形材料です。

## K形スピーサ 試験成績書

平成 28年 8月度

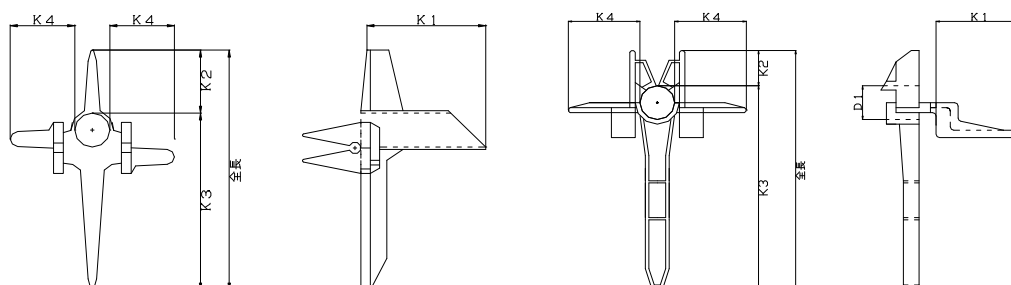


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| 項目<br>種類  | 外<br>観<br>形<br>状 | K1     |             |             | K2     |             |             | K3     |             |             | K4     |             |             | 全長     |             |             |
|-----------|------------------|--------|-------------|-------------|--------|-------------|-------------|--------|-------------|-------------|--------|-------------|-------------|--------|-------------|-------------|
|           |                  | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 |
|           |                  | mm     | ±           | mm          | mm     | ±           | mm          | mm     | ±           | mm          | mm     | ±           | mm          | mm     | ±           | mm          |
| 旧K30-3-3  | 良                | 20.0   | 1.0         | 19.2        | 11.0   | 0.5         | 11.1        | 18.0   | 0.5         | 17.9        | 20.0   | 1.0         | 20.5        | 29.0   | 1.0         | 29.0        |
| K30-3-3   | 良                | 30.0   | 1.0         | 30.0        | 11.0   | 0.5         | 11.0        | 18.0   | 0.5         | 17.8        | 20.0   | 1.0         | 20.7        | 29.0   | 1.0         | 28.8        |
| 旧K35-3-3  | 良                | 20.0   | 1.0         | 19.1        | 11.0   | 0.5         | 10.9        | 22.0   | 1.0         | 21.9        | 20.0   | 1.0         | 20.7        | 33.0   | 1.0         | 32.8        |
| K35-3-3   | 良                | 30.0   | 1.0         | 30.0        | 11.0   | 0.5         | 11.0        | 22.0   | 1.0         | 22.1        | 20.0   | 1.0         | 20.8        | 33.0   | 1.0         | 33.1        |
| 旧K40-3-3  | 良                | 20.0   | 1.0         | 20.0        | 11.0   | 0.5         | 10.8        | 27.0   | 1.0         | 26.9        | 20.0   | 1.0         | 20.6        | 38.0   | 1.0         | 37.7        |
| K40-3-3   | 良                | 30.0   | 1.0         | 29.9        | 11.0   | 0.5         | 11.5        | 27.0   | 1.0         | 27.1        | 20.0   | 1.0         | 20.5        | 38.0   | 1.0         | 38.6        |
| K40-5-4   | 良                | 30.0   | 1.0         | 30.0        | 15.0   | 0.5         | 15.0        | 23.0   | 1.0         | 22.9        | 19.0   | 0.5         | 19.1        | 38.0   | 1.0         | 37.9        |
| 旧K45-3-3  | 良                | 20.0   | 1.0         | 19.9        | 11.0   | 0.5         | 11.0        | 32.0   | 1.0         | 32.3        | 20.0   | 1.0         | 20.4        | 43.0   | 2.0         | 43.3        |
| K45-3-3   | 良                | 30.0   | 1.0         | 30.1        | 11.0   | 0.5         | 10.9        | 32.0   | 1.0         | 32.4        | 20.0   | 1.0         | 20.5        | 43.0   | 2.0         | 43.3        |
| K45-5-4   | 良                | 30.0   | 1.0         | 30.3        | 15.0   | 0.5         | 15.2        | 28.0   | 1.0         | 28.0        | 19.0   | 0.5         | 19.2        | 43.0   | 2.0         | 43.2        |
| K45-6-4   | 良                | 30.0   | 1.0         | 29.9        | 15.0   | 0.5         | 15.0        | 29.0   | 1.0         | 29.3        | 20.0   | 1.0         | 20.1        | 44.0   | 2.0         | 44.3        |
| 旧K50-4-4  | 良                | 20.0   | 1.0         | 20.1        | 15.0   | 0.5         | 15.5        | 33.0   | 1.0         | 32.4        | 20.0   | 1.0         | 20.2        | 48.0   | 2.0         | 47.9        |
| K50-4-4   | 良                | 30.0   | 1.0         | 29.8        | 15.0   | 0.5         | 15.5        | 33.0   | 1.0         | 32.5        | 20.0   | 1.0         | 20.3        | 48.0   | 2.0         | 48.0        |
| K50-5-4   | 良                | 30.0   | 1.0         | 29.8        | 15.0   | 0.5         | 15.0        | 33.0   | 1.0         | 33.0        | 19.0   | 0.5         | 18.9        | 48.0   | 2.0         | 48.0        |
| K50-6-4   | 良                | 30.0   | 1.0         | 29.9        | 15.0   | 0.5         | 15.1        | 33.0   | 1.0         | 33.1        | 20.0   | 1.0         | 20.1        | 48.0   | 2.0         | 48.2        |
| K50-6-6S  | 良                | 16.0   | 0.5         | 15.5        | 12.0   | 0.5         | 11.8        | 35.0   | 1.0         | 35.9        | 17.0   | 0.5         | 16.6        | 47.0   | 2.0         | 47.7        |
| 旧K55-5-4  | 良                | 20.0   | 1.0         | 19.1        | 15.0   | 0.5         | 14.8        | 37.0   | 1.0         | 37.0        | 20.0   | 1.0         | 20.4        | 52.0   | 2.0         | 51.8        |
| K55-5-4   | 良                | 30.0   | 1.0         | 29.8        | 15.0   | 0.5         | 15.2        | 37.0   | 1.0         | 37.4        | 20.0   | 1.0         | 20.5        | 52.0   | 2.0         | 52.6        |
| K55-6-4   | 良                | 30.0   | 1.0         | 29.7        | 15.0   | 0.5         | 15.1        | 38.0   | 1.0         | 38.0        | 20.0   | 1.0         | 20.2        | 53.0   | 2.0         | 53.1        |
| K60-6-4   | 良                | 30.0   | 1.0         | 29.8        | 15.0   | 0.5         | 15.1        | 43.0   | 2.0         | 43.1        | 20.0   | 1.0         | 20.1        | 58.0   | 2.0         | 58.2        |
| K60-6-6JR | 良                | 30.0   | 1.0         | 30.0        | 17.0   | 0.5         | 16.9        | 41.0   | 2.0         | 40.8        | 29.0   | 1.0         | 28.4        | 58.0   | 2.0         | 57.7        |
| K60-6-6S  | 良                | 17.0   | 0.5         | 17.3        | 11.0   | 0.5         | 11.4        | 45.0   | 2.0         | 43.8        | 17.0   | 0.5         | 16.7        | 56.0   | 2.0         | 55.2        |
| K65-6-4   | 良                | 30.0   | 1.0         | 29.9        | 15.0   | 0.5         | 15.1        | 48.0   | 2.0         | 48.2        | 20.0   | 1.0         | 20.2        | 63.0   | 2.5         | 63.3        |
| K70-6-6   | 良                | 30.0   | 1.0         | 30.0        | 15.0   | 0.5         | 14.7        | 53.0   | 2.0         | 53.9        | 20.0   | 1.0         | 20.1        | 68.0   | 2.5         | 68.6        |
| K70-6-6P  | 良                | 25.0   | 1.0         | 24.7        | 16.0   | 0.5         | 16.5        | 51.0   | 2.0         | 50.9        | 27.0   | 1.0         | 26.4        | 67.0   | 2.5         | 67.4        |
| K70-10-10 | 良                | 18.0   | 0.5         | 17.6        | 9.0    | 0.5         | 9.2         | 58.0   | 2.0         | 57.6        | 22.0   | 1.0         | 22.1        | 67.0   | 2.5         | 66.8        |
| K74-6-6L  | 良                | 30.0   | 1.0         | 30.8        | 6.0    | 0.5         | 6.4         | 59.0   | 2.0         | 59.6        | 20.0   | 1.0         | 19.5        | 65.0   | 2.5         | 66.0        |
| K80-4-4L  | 良                | 30.0   | 1.0         | 29.9        | 6.0    | 0.5         | 6.4         | 57.0   | 2.0         | 56.8        | 22.0   | 1.0         | 22.0        | 63.0   | 2.5         | 63.2        |
| K80-6-6   | 良                | 30.0   | 1.0         | 29.1        | 15.0   | 0.5         | 14.7        | 63.0   | 2.5         | 64.1        | 20.0   | 1.0         | 20.0        | 78.0   | 2.5         | 78.8        |
| K80-6-6L  | 良                | 30.0   | 1.0         | 31.0        | 6.0    | 0.5         | 6.4         | 65.0   | 2.5         | 66.1        | 20.0   | 1.0         | 19.7        | 71.0   | 2.5         | 72.5        |
| 旧K80-10-6 | 良                | 20.0   | 1.0         | 20.2        | 8.0    | 0.5         | 8.4         | 69.0   | 2.5         | 68.8        | 10.0   | 0.5         | 9.5         | 77.0   | 2.5         | 77.2        |

| 種類         | 項目 | 外<br>観<br>形<br>状 | K1     |             |             | K2     |             |             | K3     |             |             | K4     |             |             | 全長     |             |             |
|------------|----|------------------|--------|-------------|-------------|--------|-------------|-------------|--------|-------------|-------------|--------|-------------|-------------|--------|-------------|-------------|
|            |    |                  | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 | 寸<br>法 | 許<br>容<br>差 | 測<br>定<br>値 |
|            |    |                  | mm     | ±           | mm          | mm     | ±           | mm          | mm     | ±           | mm          | mm     | ±           | mm          | mm     | ±           | mm          |
| K80-10-6   | 良  |                  | 30.0   | 1.0         | 30.7        | 16.0   | 0.5         | 15.7        | 63.0   | 2.5         | 62.6        | 30.0   | 1.0         | 30.1        | 79.0   | 2.5         | 78.3        |
| K80-10-10  | 良  |                  | 18.0   | 0.5         | 18.0        | 9.0    | 0.5         | 9.1         | 68.0   | 2.5         | 67.6        | 22.0   | 1.0         | 22.0        | 77.0   | 2.5         | 76.7        |
| K85-4-4L   | 良  |                  | 30.0   | 1.0         | 30.0        | 6.0    | 0.5         | 6.5         | 64.0   | 2.5         | 64.3        | 22.0   | 1.0         | 21.5        | 70.0   | 2.5         | 70.8        |
| 旧K85-10-6  | 良  |                  | 20.0   | 1.0         | 20.1        | 10.0   | 0.5         | 10.3        | 73.0   | 2.5         | 72.7        | 10.0   | 0.5         | 9.5         | 83.0   | 2.5         | 83.0        |
| K85-10-6   | 良  |                  | 30.0   | 1.0         | 29.8        | 16.0   | 0.5         | 15.9        | 67.0   | 2.5         | 67.8        | 30.0   | 1.0         | 29.9        | 83.0   | 2.5         | 83.7        |
| K90-4-4L   | 良  |                  | 30.0   | 1.0         | 30.1        | 6.0    | 0.5         | 6.4         | 69.0   | 2.5         | 69.3        | 22.0   | 1.0         | 21.9        | 75.0   | 2.5         | 75.7        |
| K90-4-4S   | 良  |                  | 30.0   | 1.0         | 29.5        | 33.0   | 1.0         | 32.8        | 55.0   | 2.0         | 55.6        | 27.0   | 1.0         | 26.8        | 88.0   | 2.5         | 88.4        |
| K90-6-4    | 良  |                  | 30.0   | 1.0         | 29.6        | 15.0   | 0.5         | 14.5        | 70.0   | 2.5         | 70.4        | 23.0   | 1.0         | 22.5        | 85.0   | 2.5         | 84.9        |
| K90-10-6H  | 良  |                  | 30.0   | 1.0         | 30.7        | 16.0   | 0.5         | 15.7        | 69.0   | 2.5         | 69.7        | 30.0   | 1.0         | 29.9        | 85.0   | 2.5         | 85.4        |
| K90-10-6   | 良  |                  | 20.0   | 1.0         | 19.4        | 15.0   | 0.5         | 15.4        | 70.0   | 2.5         | 70.7        | 23.0   | 1.0         | 23.4        | 85.0   | 2.5         | 86.1        |
| K90-10-6L  | 良  |                  | 30.0   | 1.0         | 29.2        | 15.0   | 0.5         | 15.1        | 70.0   | 2.5         | 71.0        | 23.0   | 1.0         | 23.2        | 85.0   | 2.5         | 86.1        |
| K95-4-4S   | 良  |                  | 30.0   | 1.0         | 30.0        | 33.0   | 1.0         | 32.7        | 60.0   | 2.5         | 60.6        | 27.0   | 1.0         | 26.7        | 93.0   | 3.0         | 93.3        |
| K95-6-6L   | 良  |                  | 30.0   | 1.0         | 31.0        | 6.0    | 0.5         | 6.4         | 75.0   | 2.5         | 75.6        | 20.0   | 1.0         | 19.7        | 81.0   | 2.5         | 82.0        |
| K95-6-6S   | 良  |                  | 30.0   | 1.0         | 29.3        | 17.0   | 0.5         | 17.0        | 76.0   | 2.5         | 75.6        | 29.0   | 1.0         | 28.5        | 93.0   | 3.0         | 92.6        |
| K95-10-6   | 良  |                  | 30.0   | 1.0         | 29.8        | 20.0   | 1.0         | 19.9        | 70.0   | 2.5         | 70.5        | 23.0   | 1.0         | 22.4        | 90.0   | 3.0         | 90.4        |
| K95-10-6H  | 良  |                  | 30.0   | 1.0         | 30.7        | 16.0   | 0.5         | 15.6        | 74.0   | 2.5         | 75.7        | 30.0   | 1.0         | 30.2        | 90.0   | 3.0         | 91.3        |
| K95-10-10  | 良  |                  | 30.0   | 1.0         | 30.1        | 20.0   | 1.0         | 19.5        | 70.0   | 2.5         | 69.6        | 25.0   | 1.0         | 24.4        | 90.0   | 3.0         | 89.1        |
| K95-13-6   | 良  |                  | 22.0   | 1.0         | 21.9        | 20.0   | 1.0         | 19.7        | 70.0   | 2.5         | 70.1        | 23.0   | 1.0         | 23.3        | 90.0   | 3.0         | 89.8        |
| K95-13-6L  | 良  |                  | 30.0   | 1.0         | 29.9        | 20.0   | 1.0         | 19.8        | 70.0   | 2.5         | 70.8        | 23.0   | 1.0         | 23.4        | 90.0   | 3.0         | 90.6        |
| K95-13-13  | 良  |                  | 30.0   | 1.0         | 30.1        | 18.0   | 0.5         | 18.5        | 72.0   | 2.5         | 71.2        | 23.0   | 1.0         | 23.1        | 90.0   | 3.0         | 89.7        |
| K100-10-6H | 良  |                  | 30.0   | 1.0         | 30.5        | 16.0   | 0.5         | 15.8        | 79.0   | 2.5         | 79.5        | 30.0   | 1.0         | 30.2        | 95.0   | 3.0         | 95.3        |
| K100-10-6P | 良  |                  | 25.0   | 1.0         | 24.9        | 15.0   | 0.5         | 15.5        | 81.0   | 2.5         | 80.3        | 25.0   | 1.0         | 24.9        | 96.0   | 3.0         | 95.8        |
| K100-10-10 | 良  |                  | 30.0   | 1.0         | 29.6        | 19.0   | 0.5         | 18.5        | 76.0   | 2.5         | 76.8        | 24.0   | 1.0         | 23.8        | 95.0   | 3.0         | 95.3        |
| K100-13-10 | 良  |                  | 22.5   | 1.0         | 22.8        | 15.0   | 0.5         | 14.7        | 75.0   | 2.5         | 76.4        | 41.5   | 2.0         | 41.5        | 90.0   | 3.0         | 91.1        |
| K100-13-13 | 良  |                  | 22.0   | 1.0         | 21.9        | 15.0   | 0.5         | 15.5        | 80.0   | 2.5         | 79.7        | 23.0   | 1.0         | 22.5        | 95.0   | 3.0         | 95.2        |
| K105-6-6H  | 良  |                  | 25.0   | 1.0         | 24.8        | 17.0   | 0.5         | 16.6        | 83.0   | 2.5         | 82.9        | 26.0   | 1.0         | 26.4        | 100.0  | 3.0         | 99.5        |
| K110-4-4S  | 良  |                  | 30.0   | 1.0         | 29.6        | 43.0   | 2.0         | 43.1        | 65.0   | 2.5         | 65.0        | 27.0   | 1.0         | 26.5        | 108.0  | 3.0         | 108.1       |
| K110-6-6H  | 良  |                  | 25.0   | 1.0         | 24.5        | 17.0   | 0.5         | 16.5        | 88.0   | 2.5         | 88.4        | 27.0   | 1.0         | 26.5        | 105.0  | 3.0         | 104.9       |
| K110-10-6  | 良  |                  | 30.0   | 1.0         | 29.6        | 20.0   | 1.0         | 20.1        | 85.0   | 2.5         | 85.2        | 23.0   | 1.0         | 22.3        | 105.0  | 3.0         | 105.3       |
| K110-10-6H | 良  |                  | 30.0   | 1.0         | 30.5        | 16.0   | 0.5         | 15.7        | 89.0   | 2.5         | 89.3        | 30.0   | 1.0         | 30.3        | 105.0  | 3.0         | 105.0       |
| K110-10-10 | 良  |                  | 30.0   | 1.0         | 30.2        | 20.0   | 1.0         | 19.7        | 82.0   | 2.5         | 81.1        | 24.0   | 1.0         | 24.4        | 102.0  | 3.0         | 100.8       |
| K110-13-6  | 良  |                  | 22.0   | 1.0         | 21.9        | 20.0   | 1.0         | 20.4        | 85.0   | 2.5         | 85.1        | 23.0   | 1.0         | 23.0        | 105.0  | 3.0         | 105.5       |
| K110-13-6L | 良  |                  | 30.0   | 1.0         | 29.7        | 20.0   | 1.0         | 19.8        | 85.0   | 2.5         | 85.5        | 23.0   | 1.0         | 23.2        | 105.0  | 3.0         | 105.3       |
| K110-13-13 | 良  |                  | 30.0   | 1.0         | 30.2        | 18.0   | 1.0         | 18.5        | 84.0   | 2.5         | 83.7        | 23.0   | 1.0         | 23.1        | 104.0  | 3.0         | 102.2       |
| K115-6-6H  | 良  |                  | 25.0   | 1.0         | 24.5        | 17.0   | 0.5         | 16.5        | 93.0   | 3.0         | 92.6        | 27.0   | 1.0         | 26.3        | 110.0  | 3.0         | 109.1       |
| K120-6-6H  | 良  |                  | 25.0   | 1.0         | 24.6        | 17.0   | 0.5         | 16.5        | 98.0   | 3.0         | 98.2        | 27.0   | 1.0         | 26.2        | 115.0  | 3.0         | 114.7       |
| K120-10-6H | 良  |                  | 30.0   | 1.0         | 30.5        | 16.0   | 0.5         | 15.6        | 99.0   | 3.0         | 99.3        | 30.0   | 1.0         | 30.2        | 115.0  | 3.0         | 114.9       |
| K120-10-10 | 良  |                  | 30.0   | 1.0         | 30.1        | 20.0   | 1.0         | 20.3        | 95.0   | 3.0         | 94.7        | 24.0   | 1.0         | 24.2        | 115.0  | 3.0         | 115.0       |
| K120-13-10 | 良  |                  | 22.5   | 1.0         | 22.5        | 15.0   | 0.5         | 14.7        | 95.0   | 3.0         | 96.4        | 41.5   | 2.0         | 41.7        | 110.0  | 3.0         | 111.1       |
| K120-13-13 | 良  |                  | 30.0   | 1.0         | 30.3        | 20.0   | 1.0         | 19.8        | 95.0   | 3.0         | 95.7        | 23.0   | 1.0         | 23.3        | 115.0  | 3.0         | 115.5       |
| K125-4-4S  | 良  |                  | 30.0   | 1.0         | 29.4        | 48.0   | 2.0         | 47.2        | 75.0   | 2.5         | 75.5        | 27.0   | 1.0         | 26.9        | 123.0  | 3.0         | 122.7       |
| K125-10-6  | 良  |                  | 30.0   | 1.0         | 29.9        | 20.0   | 1.0         | 19.7        | 100.0  | 3.0         | 99.3        | 23.0   | 1.0         | 22.9        | 120.0  | 3.0         | 119.0       |
| K125-13-6  | 良  |                  | 22.0   | 1.0         | 21.9        | 20.0   | 1.0         | 19.8        | 100.0  | 3.0         | 98.9        | 23.0   | 1.0         | 23.2        | 120.0  | 3.0         | 118.7       |
| K125-13-6L | 良  |                  | 30.0   | 1.0         | 29.7        | 20.0   | 1.0         | 19.6        | 100.0  | 3.0         | 99.6        | 23.0   | 1.0         | 23.1        | 120.0  | 3.0         | 119.2       |
| K130-10-10 | 良  |                  | 30.0   | 1.0         | 30.1        | 20.0   | 1.0         | 19.8        | 105.0  | 3.0         | 104.9       | 25.0   | 1.0         | 24.3        | 125.0  | 3.0         | 124.7       |
| K130-13-10 | 良  |                  | 22.5   | 1.0         | 22.3        | 15.0   | 0.5         | 15.0        | 105.0  | 3.0         | 106.8       | 41.5   | 2.0         | 41.6        | 120.0  | 3.0         | 121.8       |
| K130-13-13 | 良  |                  | 30.0   | 1.0         | 30.1        | 20.0   | 1.0         | 20.0        | 105.0  | 3.0         | 105.8       | 23.0   | 1.0         | 23.2        | 125.0  | 3.0         | 125.8       |
| K135-10-6H | 良  |                  | 30.0   | 1.0         | 30.3        | 16.0   | 0.5         | 15.8        | 114.0  | 3.0         | 113.3       | 30.0   | 1.0         | 29.9        | 130.0  | 3.0         | 129.1       |
| K145-10-6H | 良  |                  | 30.0   | 1.0         | 29.6        | 16.0   | 0.5         | 15.5        | 124.0  | 3.0         | 124.2       | 30.0   | 1.0         | 29.2        | 140.0  | 3.0         | 139.7       |
| K150-10-10 | 良  |                  | 30.0   | 1.0         | 30.5        | 20.0   | 1.0         | 19.8        | 125.0  | 3.0         | 124.4       | 25.0   | 1.0         | 24.5        | 145.0  | 3.0         | 144.2       |
| K150-13-10 | 良  |                  | 22.5   | 1.0         | 22.3        | 15.0   | 0.5         | 15.0        | 125.0  | 3.0         | 126.7       | 41.5   | 2.0         | 41.5        | 140.0  | 3.0         | 141.7       |
| K150-13-13 | 良  |                  | 30.0   | 1.0         | 30.1        | 20.0   | 1.0         | 20.4        | 125.0  | 3.0         | 123.8       | 23.0   | 1.0         | 22.9        | 145.0  | 3.0         | 144.2       |