弯曲测试

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| 样品 | 序号 | 峰值载荷比 KN | 峰应力值 KN/MM2 | 模量 KN/MM2 |
| 5mm 10% | 1 | 0.072 | 0.035 | 2.182 |
| 2 | 0.073 | 0.036 | 1.811 |
| 3 | 0.073 | 0.035 | 2.409 |
| 5mm 15% | 1 | 0.071 | 0.035 | 2.231 |
| 2 | 0.070 | 0.034 | 2.356 |
| 3 | 0.066 | 0.032 | 3.663 |
| 5mm 20% | 1 | 0.070 | 0.034 | 2.211 |
| 2 | 0.073 | 0.035 | 2.578 |
| 3 | 0.074 | 0.036 | 2.587 |
| 10mm 10% | 1 | 0.070 | 0.034 | 2.068 |
| 2 | 0.070 | 0.034 | 2.649 |
| 3 | 0.-069 | 0.034 | 2.039 |
| 10mm 20% | 1 | 0.068 | 0.033 | 2.205 |
| 2 | 0.074 | 0.036 | 2.344 |
| 3 | 0.073 | 0.035 | 2.204 |
| 10mm 30% | 1 | 0.077 | 0.038 | 2.486 |
| 2 | 0.078 | 0.038 | 2.640 |
| 3 | 0.070 | 0.034 | 2.321 |
| 纯样 | 1 | 0.071 | 0.034 | 1.560 |
| 2 | 0.061 | 0.030 | 1.479 |
| 3 | 0.064 | 0.031 | 1.831 |

拉伸试验

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| 样品 | 序号 | 最大力N | 拉伸强度ＭＰａ | 断裂伸长率% | 屈服拉伸应力MPa | 拉伸弹簧模量MPa |
| 5mm 10% | 1 | 0.372 | 34.414 | 14.957 | 461.721 | 34.414 |
| 2 | 0.378 | 34.948 | 28.376 | 459.415 | 34.948 |
| 3 | 0.386 | 35.731 | 15.526 | 530.250 | 35.707 |
| 5mm 15% | 1 | 0.383 | 35.401 | 15.842 | 534.234 | 35.377 |
| 2 | 0.380 | 35.129 | 15.836 | 631.558 | 35.129 |
| 3 | 0.386 | 35.695 | 15.502 | 489.009 | 35.695 |
| 5mm 20% | 1 | 0.364 | 33.685 | 12.613 | 565.555 | 33.685 |
| 2 | 0.344 | 31.814 | 12.762 | 531.122 | 31.814 |
| 3 | 2.361 | 33.403 | 12.414 | 566.984 | 33.403 |
| 10mm 10% | 1 | 0.404 | 37.347 | 17.455 | 524.855 | 37.347 |
| 2 | 0.406 | 37.520 | 14.468 | 528.462 | 37.520 |
| 3 | 0.384 | 35.488 | 14.041 | 532.479 | 35.488 |
| 10mm 20% | 1 | 0.389 | 36.006 | 14.202 | 511.734 | 36.006 |
| 2 | 0.361 | 33.350 | 11.806 | 499.584 | 33.350 |
| 3 | 0.373 | 34.477 | 11.685 | 511.248 | 34.477 |
| 10mm 30% | 1 | 0.359 | 33.209 | 9.164 | 693.172 | 33.209 |
| 2 | 0.376 | 34.789 | 12.242 | 557.914 | 34.789 |
| 3 | 0.379 | 35.048 | 11.314 | 713.219 | 35.084 |
| 纯样 | 1 | 0.369 | 34.117 | 399.289 | 448.386 | 34.117 |
| 2 | 0.375 | 34.693 | 385.183 | 445.700 | 34.693 |
| 3 | 0.369 | 34.131 | 398.365 | 443.976 | 34.253 |

冲击试验

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| 样品 | 序号 | 吸收功 KJ | 韧性 KJ/M2 |
| 5mm 10% | 1 | 0.222 | 9.120 |
| 2 | 0.226 | 9.284 |
| 3 | 0.220 | 9.038 |
| 5mm 15% | 1 | 0.194 | 7.970 |
| 2 | 0.199 | 8.175 |
| 3 | 0.199 | 8.175 |
| 5mm 20% | 1 | 0.220 | 9.038 |
| 2 | 0.245 | 10.065 |
| 3 | 0.182 | 7.477 |
| 10mm 10% | 1 | 0.199 | 8.175 |
| 2 | 0.241 | 9.901 |
| 3 | 0.214 | 8.791 |
| 10mm 20% | 1 | 0.226 | 9.284 |
| 2 | 0.243 | 9.983 |
| 3 | 0.260 | 10.681 |
| 10mm 30% | 1 | 0.309 | 12.694 |
| 2 | 0.235 | 9.654 |
| 3 | 0.237 | 9.736 |
| 纯样 | 1 | 0.201 | 8.257 |
| 2 | 0.286 | 11.749 |
| 3 | 0.146 | 5.998 |