



**耐特** NYTEX COMPOSITES CO., LTD.  
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## 产品资讯

# Product Information

## NYLOY® NS-0230B

• 尼龙6 • 耐冲击级 • 黑色

| 性质                  | PROPERTY                            | 测试方法                                    | METHOD | 单位                       | UNIT | 结果(数据)          | RESULT |
|---------------------|-------------------------------------|---|--------|--------------------------|------|-----------------|--------|
| <b>机械性能</b>         | <b>MECHANICAL</b>                   |   |        |                          |      |                 |        |
| 抗张强度                | Tensile Strength                    | ASTM D638                               |        | kg/cm <sup>2</sup> (MPa) |      | 430 (42.20)     |        |
| 断裂伸长率               | Elongation                          | ASTM D638                               |        | %                        |      | 70              |        |
| 抗折强度                | Flexural Strength                   | ASTM D790                               |        | kg/cm <sup>2</sup> (MPa) |      | 700 (68.70)     |        |
| 抗折弹性系数              | Flexural Modulus                    | ASTM D790                               |        | kg/cm <sup>2</sup> (MPa) |      | 17000 (1668.34) |        |
| 冲击强度                | IZOD Impact, Notched 1/8" 23°C      | ASTM D256                               |        | kg-cm/cm (J/M)           |      | 60 (588.25)     |        |
|                     | IZOD Impact, Notched 1/8" -20°C     | ASTM D256                               |        | kg-cm/cm (J/M)           |      | -               |        |
| 硬度                  | Hardness Rockwell R Scale           | ASTM D785                               |        | -                        |      | -               |        |
|                     | Hardness Shore D                    | ASTM D2240                              |        | -                        |      | -               |        |
| <b>热性能</b>          | <b>THERMAL</b>                      |   |        |                          |      |                 |        |
| 热变形温度               | Heat Deflection Temp                | ASTM D648                               |        |                          |      |                 |        |
|                     | (18.6kg/cm <sup>2</sup> ) (1.82MPa) |   |        | °C                       |      | -               |        |
|                     | (4.6kg/cm <sup>2</sup> ) (0.46MPa)  |   |        | °C                       |      | -               |        |
| <b>电气性能</b>         | <b>ELECTRICAL</b>                   |   |        |                          |      |                 |        |
| 耐电弧                 | Arc Resistance                      | ASTM D495                               |        | sec                      |      | -               |        |
| CTI(溶液 A 型)         | CTI,solution A                      | IEC 60112                               |        | -                        |      | -               |        |
| <b>其他性能</b>         | <b>OTHER</b>                        |   |        |                          |      |                 |        |
| 密度                  | Density                             | ASTM D792                               |        | g/cm <sup>3</sup>        |      | 1.08            |        |
| 模收缩率 <sup>(2)</sup> | Mold Shrinkage                      | ASTM D955                               |        | x10 <sup>-3</sup> mm/mm  |      | -               |        |
| 含水率                 | Moisture Contents                   | -                                       |        | %                        |      | -               |        |
| 耐燃性                 | Flammability                        | UL-94                                   |        | 1.6mm                    |      | -               |        |
|                     |                                     | UL-94                                   |        | 3.2mm                    |      | -               |        |
| <b>附注</b>           | <b>REMARK</b>                       |   |        |                          |      |                 |        |
|                     |                                     | (1) 本物性表为典型测试值, 仅供参考, 不作为正式质保承诺。        |        |                          |      |                 |        |
|                     |                                     | (2) 平行于流动方向的模收缩率, 测试试片尺 129×12.7×3.2mm。 |        |                          |      |                 |        |