



NYPLA INDUSTRIAL CO., LTD.

TEL:909-7843888 FAX:909-7843889
http://www.nypla.com

NYLOY[®] NS-0230B LC

Product Information

- Nylon 6 • High Impact • Black

| PROPERTY | METHOD | UNIT | RESULT |
|---|------------|--------------------|----------|
| MECHANICAL | | | |
| Tensile Strength | ASTM D638 | psi | 5974.4 |
| Elongation | ASTM D638 | % | 70 |
| Flexural Strength | ASTM D790 | psi | 9530.58 |
| Flexural Modulus | ASTM D790 | psi | 227596.8 |
| IZOD Impact, Notched 1/8" 73.4°F | ASTM D256 | ft-lb/in | 12.87 |
| IZOD Impact, Notched 1/8" -4°F | ASTM D256 | ft-lb/in | - |
| Hardness Rockwell R Scale | ASTM D785 | - | - |
| Hardness Shore D | ASTM D2240 | - | - |
| THERMAL | | | |
| Heat Deflection Temp | ASTM D648 | | |
| 264 psi | | °F | - |
| 66 psi | | °F | - |
| ELECTRICAL | | | |
| Arc Resistance | ASTM D495 | sec | - |
| CTI,solution A | IEC 60112 | - | - |
| OTHER | | | |
| Density | ASTM D792 | lb/in ³ | 0.0332 |
| Mold Shrinkage ⁽²⁾ | ASTM D955 | - | - |
| Moisture Contents | - | % | - |
| Flammability | UL-94 | 1/16 in | - |
| | UL-94 | 1/8 in | - |
| REMARK | | | |
| ⁽¹⁾ This data is for reference only. | | | |
| ⁽²⁾ Shrinkage parallel to flow. Test box dimensions of base(129×2.7×3.2) mm. | | | |