



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] M-0030N-V N1-1

- Nylon 66
- Non-Halogen Flame Retardant
- Natural

| PROPERTY | METHOD | UNIT | RESULT |
|---|------------|-------------------------|-----------|
| MECHANICAL | | | |
| Tensile Strength | ASTM D638 | psi | 10810.81 |
| Elongation | ASTM D638 | % | 13 |
| Flexural Strength | ASTM D790 | psi | 15647.23 |
| Flexural Modulus | ASTM D790 | psi | 469416.79 |
| IZOD Impact, Notched 1/8" 73.4°F | ASTM D256 | ft-lb/in | 0.73 |
| IZOD Impact, Notched 1/8" -4°F | ASTM D256 | ft-lb/in | - |
| Hardness Rockwell R Scale | ASTM D785 | - | R-117 |
| 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 | 0.0362 |
| Mold Shrinkage ⁽²⁾ | ASTM D955 | x10 ⁻³ in/in | - |
| Moisture Contents | - | % | - |
| Flammability | UL-94 | 1/16 in | V0 |
| | 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. | | | |