



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] MC-0030N

- Nylon 66
- 30% Carbon Fiber Reinforced
- Black

| PROPERTY | METHOD | UNIT | RESULT |
|--------------------------------------|------------|--------------------|------------|
| MECHANICAL | | | |
| Tensile Strength | ASTM D638 | psi | 32005.69 |
| Elongation | ASTM D638 | % | 1 |
| Flexural Strength | ASTM D790 | psi | 42674.25 |
| Flexural Modulus | ASTM D790 | psi | 2318634.42 |
| IZOD Impact, Notched 1/8" 73.4°F | ASTM D256 | ft-lb/in | 2.29 |
| IZOD Impact, Notched 1/8" -4°F | ASTM D256 | ft-lb/in | - |
| Hardness Rockwell R Scale | ASTM D785 | - | R-113 |
| Hardness Shore D | ASTM D2240 | - | - |
| THERMAL | | | |
| Heat Deflection Temp | ASTM D648 | | |
| 264 psi | | °F | 473 |
| 66 psi | | °F | - |
| OTHER | | | |
| Density | ASTM D792 | lb/in ³ | 0.0391 |
| Mold Shrinkage | ASTM D955 | | - |
| Normal | | % | 0.51 |
| Parallel | | % | 0.16 |
| Moisture Contents | - | % | - |
| REMARK | | | |
| (1) This data is for reference only. | | | |