



NYPLA INDUSTRIAL CO., LTD.

TEL: 626-6264889 FAX: 626-6264898
http://www.nypla.com

Product Information

NYLOY[®] MG-2012N-V0

- Nylon 66
- 12% Glass Fiber Reinforced/Flame Retardant
- Natural

| PROPERTY | METHOD | UNIT | RESULT |
|--------------------------------------|------------|--------------------|-----------|
| MECHANICAL | | | |
| Tensile Strength | ASTM D638 | psi | 15931.72 |
| Elongation | ASTM D638 | % | 2.7 |
| Flexural Strength | ASTM D790 | psi | 23470.84 |
| Flexural Modulus | ASTM D790 | psi | 793741.11 |
| IZOD Impact, Notched 1/8" 73.4°F | ASTM D256 | ft-lb/in | 1.38 |
| 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 | 410 |
| 66 psi | | °F | - |
| OTHER | | | |
| Density | ASTM D792 | lb/in ³ | 0.0463 |
| Mold Shrinkage | ASTM D955 | | - |
| Normal | | % | 1.13 |
| Parallel | | % | 0.61 |
| Moisture Contents | - | % | - |
| Flammability | UL-94 | 1/16 in | V0 |
| | UL-94 | 1/8 in | - |
| REMARK | | | |
| (1) This data is for reference only. | | | |