



耐特 NYTEX COMPOSITES CO., LTD.
耐特科技材料股份有限公司

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Product Information

NYLOY[®] MG-1033NM

- Nylon 66
- 33% Glass Fiber Reinforced/Impact Modified
- Natural

| PROPERTY | METHOD | UNIT | RESULT |
|--------------------------------------|--------------|-------------------|--------|
| MECHANICAL | | | |
| Tensile Strength | ISO 527 | Mpa | 135 |
| Elongation | ISO 527 | % | 4.5 |
| Flexural Strength | ISO 178 | MPa | 205 |
| Flexural Modulus | ISO 178 | MPa | 6770 |
| Charpy Impact, Notched 23°C | ISO 179/ 1eA | kJ/m2 | 18 |
| Charpy Impact, Notched -20°C | ISO 179/ 1eA | kJ/m2 | - |
| Hardness Rockwell R Scale | ISO 2039 | - | 115 |
| Hardness Shore D | ISO 868 | - | - |
| THERMAL | | | |
| Heat Deflection Temp | ISO 75 | | |
| 1.82MPa | | °C | 240 |
| 0.46MPa | | °C | 255 |
| OTHER | | | |
| Density | ISO 1183 | g/cm ³ | 1.35 |
| Mold Shrinkage | ISO 294-4 | | - |
| Normal | | % | 0.72 |
| Parallel | | % | 0.34 |
| - | | | |
| REMARK | | | |
| (1) This data is for reference only. | | | |