



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] MG-0833B

• Nylon 66 • 33%Glass Fiber Reinforced • Black

| PROPERTY | METHOD | UNIT | RESULT |
|--------------------------------------|--------------|-------------------|--------|
| MECHANICAL | | | |
| Tensile Strength | ISO 527 | MPa | 125 |
| Elongation | ISO 527 | % | 1.9 |
| Flexural Strength | ISO 178 | MPa | 180 |
| Flexural Modulus | ISO 178 | MPa | 8000 |
| Charpy Impact, Notched 23° C | ISO 179/ 1eA | kJ/m ² | 7.8 |
| Charpy Impact, Notched -20° C | ISO 179/ 1eA | kJ/m ² | - |
| Hardness Rockwell R Scale | ISO 2039 | - | R-114 |
| Hardness Shore D | ISO 868 | - | - |
| THERMAL | | | |
| Heat Deflection Temp | ISO 75 | | |
| 1.82MPa | | °C | - |
| 0.46MPa | | °C | - |
| OTHER | | | |
| Density | ISO 1183 | g/cm ³ | 1.39 |
| Mold Shrinkage | ISO 294-4 | | - |
| Normal | | % | 1.03 |
| Parallel | | % | 0.34 |
| Ash Content | - | % | 33 |
| REMARK | | | |
| (1) This data is for reference only. | | | |