

Novamid[®] 1015G50 NA/BK37

PA6–GF50

50% Glass Reinforced, Injection Molding

Print Date: 2024–03–27

| PROPERTIES | TYPICAL DATA | UNIT | TEST METHOD |
|--|-------------------|-------------------|----------------|
| MECHANICAL PROPERTIES | | | |
| | <i>DRY / COND</i> | | |
| Tensile modulus | 15000 / – | MPa | ISO 527–1/–2 |
| Stress at break | 230 / – | MPa | ISO 527–1/–2 |
| Strain at break | 4.1 / – | % | ISO 527–1/–2 |
| Flexural modulus | 16000 / – | MPa | ISO 178 |
| Flexural strength | 370 / – | MPa | ISO 178 |
| Charpy impact strength (+23°C) | 105 / – | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength (+23°C) | 20 / – | kJ/m ² | ISO 179/1eA |
| THERMAL PROPERTIES | | | |
| | <i>DRY / COND</i> | | |
| Melting temperature (10°C/min) | 220 / * | °C | ISO 11357–1/–3 |
| OTHER PROPERTIES | | | |
| | <i>DRY / COND</i> | | |
| Humidity absorption | 1.4 / * | % | Sim. to ISO 62 |
| Density | 1570 / – | kg/m ³ | ISO 1183 |