

Novamid[®] 1015NT8

PA6 FR(17)

Flame Retardant, Improved Impact

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| PROPERTIES | TYPICAL DATA | UNIT | TEST METHOD |
|---|-------------------|-------------------|----------------|
| MECHANICAL PROPERTIES | | | |
| | DRY / COND | | |
| Stress at break | 45 / 33 | MPa | ISO 527-1/-2 |
| Strain at break | >50 / >50 | % | ISO 527-1/-2 |
| Flexural modulus | 2200 / 1500 | MPa | ISO 178 |
| Flexural strength | 70 / 50 | MPa | ISO 178 |
| Charpy notched impact strength (+23°C) | 12 / 19 | kJ/m ² | ISO 179/1eA |
| THERMAL PROPERTIES | | | |
| | DRY / COND | | |
| Melting temperature (10°C/min) | 220 / * | °C | ISO 11357-1/-3 |
| Temp. of deflection under load (1.80 MPa) | 62 / * | °C | ISO 75-1/-2 |
| Temp. of deflection under load (0.45 MPa) | 155 / * | °C | ISO 75-1/-2 |
| OTHER PROPERTIES | | | |
| | DRY / COND | | |
| Humidity absorption | 1.7 / * | % | Sim. to ISO 62 |
| Density | 1380 / - | kg/m ³ | ISO 1183 |