

DAUNYL® 66 AV NATURAL

PA66

Daunia Plastics Srl

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 1.5 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 3100 | MPa | ISO 527 |
| Yield stress | 85 | MPa | ISO 527 |
| Yield strain | 4.5 | % | ISO 527 |
| Strain at break | 30 | % | ISO 527 |
| Izod notched impact strength, +23°C | 6 | kJ/m ² | ISO 180/1A |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 75 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 250 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | V-2 | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | - |
| Burning behav. at thickness h | V-2 | class | IEC 60695-11-10 |
| Thickness tested | 3.2 | mm | - |
| Glow Wire Flammability Index (GWFI) | 960 | °C | IEC 60695-2-12 |
| GWFI - thickness tested (1) | 2 | mm | - |
| Glow Wire Ignition Temperature (GWIT) | 725 | °C | IEC 60695-2-13 |
| GWIT - thickness tested (1) | 2 | mm | - |
| Electrical properties | | | |
| ISO Data | | | |
| Comparative tracking index | 600 | - | IEC 60112 |
| Other properties | | | |
| Density | 1140 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 80 - 90 | °C | - |
| Pre-drying - Time | >3 | h | - |
| Melt temperature | 260 - 290 | °C | - |
| Mold temperature | 70 - 90 | °C | - |

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Delivery form

Natural Color