

**Tarnamid® T-27 W**

PA6

Grupa Azoty S.A.

| <b>Mechanical properties</b>          | <b>dry / cond</b> | <b>Unit</b>       | <b>Test Standard</b> |
|---------------------------------------|-------------------|-------------------|----------------------|
| <b>ISO Data</b>                       |                   |                   |                      |
| Tensile Modulus                       | 2500 / -          | MPa               | ISO 527              |
| Tensile Strength                      | 75 / -            | MPa               | ISO 527              |
| Charpy notched impact strength, +23°C | 6 / -             | kJ/m <sup>2</sup> | ISO 179/1eA          |
| Ball indentation hardness             | 145 / -           | MPa               | ISO 2039-1           |

| <b>Thermal properties</b>                | <b>dry / cond</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|-------------------|-------------|----------------------|
| <b>ISO Data</b>                          |                   |             |                      |
| Melting temperature, 10°C/min            | 221 / *           | °C          | ISO 11357-1/-3       |
| Temp. of deflection under load, 1.80 MPa | 55 / *            | °C          | ISO 75-1/-2          |
| Vicat softening temperature, B           | 175 / *           | °C          | ISO 306              |

**Characteristics****Processing**

Injection Molding

**Delivery form**

Granules

**Special Characteristics**

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Regional Availability**

Europe