

**Product Texts**

Vydyne A 30 GF BK WR is standard flow, 30% glass-fiber reinforced PA66 resin. Suitable for use with water up to 85 C, this product is also lubricated for improved machine feed and flow.

| Processing/Physical Characteristics        | dry / cond | Unit | Test Standard   |
|--------------------------------------------|------------|------|-----------------|
| <b>ISO Data</b>                            |            |      |                 |
| <sup>[C]</sup> Molding shrinkage, parallel | 0.3 / *    | %    | ISO 294-4, 2577 |
| <sup>[C]</sup> Molding shrinkage, normal   | 0.7 / *    | %    | ISO 294-4, 2577 |

[C]: CAMPUS

| Mechanical properties          | dry / cond | Unit | Test Standard |
|--------------------------------|------------|------|---------------|
| <b>ISO Data</b>                |            |      |               |
| <sup>[C]</sup> Tensile Modulus | 9200 / -   | MPa  | ISO 527       |
| <sup>[C]</sup> Stress at break | 160 / -    | MPa  | ISO 527       |
| <sup>[C]</sup> Strain at break | 2.5 / -    | %    | ISO 527       |

[C]: CAMPUS

| Thermal properties                                      | dry / cond | Unit | Test Standard  |
|---------------------------------------------------------|------------|------|----------------|
| <b>ISO Data</b>                                         |            |      |                |
| <sup>[C]</sup> Melting temperature, 10°C/min            | 260 / *    | °C   | ISO 11357-1/-3 |
| <sup>[C]</sup> Temp. of deflection under load, 1.80 MPa | 240 / *    | °C   | ISO 75-1/-2    |
| <sup>[C]</sup> Temp. of deflection under load, 0.45 MPa | 255 / *    | °C   | ISO 75-1/-2    |

[C]: CAMPUS

| Other properties                   | dry / cond | Unit              | Test Standard  |
|------------------------------------|------------|-------------------|----------------|
| <sup>[C]</sup> Humidity absorption | 1.7 / *    | %                 | Sim. to ISO 62 |
| <sup>[C]</sup> Density             | 1360 / -   | kg/m <sup>3</sup> | ISO 1183       |

[C]: CAMPUS

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets, Black

**Additives**

Lubricants

**Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

North America, Europe, Asia Pacific