

DOMAMID 6G25 300 BK

PA6-GF25

DOMO Engineering Plastics

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 8400 | MPa | ISO 527 |
| Yield stress | 150 | MPa | ISO 527 |
| Stress at break | 150 | MPa | ISO 527 |
| Strain at break | 3.2 | % | ISO 527 |
| Flexural modulus, 23°C | 6000 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 60 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 7.5 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|-------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 221 | °C | ISO 11357-1/-3 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1320 | kg/m ³ | ISO 1183 |

| Material specific properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|--------------------|----------------------|
| ISO Data | | | |
| Viscosity number | 145 | cm ³ /g | ISO 307, 1157, 1628 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 75 - 85 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Melt temperature | 250 - 290 | °C | - |
| Mold temperature | 80 - 100 | °C | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Black