# TECHNYL A 239HR V30 NC

PA66-I-GF30 DOMO Engineering Plastics

## Product Texts

Polyamide 66, 30% glass fiber reinforced, hydrolisis stabilized, impact modified, heat-aging stabilized, for injection moulding

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| Melt volume-flow rate, MVR | **45 / *** | cm³/10min | ISO 1133 |
| Load | **5 / *** | kg | - |
| [C] Molding shrinkage, parallel | **0.4 / *** | % | ISO 294-4, 2577 |
| [C] Molding shrinkage, normal | **0.9 / *** | % | ISO 294-4, 2577 |

[C]: CAMPUS

| Mechanical properties | dry / cond | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| [C] Tensile Modulus | **9000 / -** | MPa | ISO 527 |
| [C] Stress at break | **145 / -** | MPa | ISO 527 |
| [C] Strain at break | **2.5 / -** | % | ISO 527 |
| Flexural modulus, 23°C | **8300 / -** | MPa | ISO 178 |
| Flexural strength | **210 / -** | MPa | ISO 178 |
| [C] Charpy impact strength, +23°C | **65 / -** | kJ/m² | ISO 179/1eU |
| [C] Charpy notched impact strength, +23°C | **15 / -** | kJ/m² | ISO 179/1eA |

[C]: CAMPUS

| Thermal properties | dry / cond | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| [C] Melting temperature, 10°C/min | **262 / *** | °C | ISO 11357-1/-3 |
| [C] Burning Behav. at thickness h | **HB / *** | class | IEC 60695-11-10 |
| Thickness tested | **0.8 / *** | mm | - |

[C]: CAMPUS

| Electrical properties | dry / cond | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| [C] Volume resistivity | **1E13 / -** | Ohm*m | IEC 62631-3-1 |
| [C] Surface resistivity | *** / 1E13** | Ohm | IEC 62631-3-2 |

[C]: CAMPUS

| Other properties | dry / cond | Unit | Test Standard |
|---|---|---|---|
| [C] Density | **1350 / -** | kg/m³ | ISO 1183 |

[C]: CAMPUS

| Material specific properties | dry / cond | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| Viscosity number | **145 / *** | cm³/g | ISO 307, 1157, 1628 |

## Characteristics

### Processing

Injection Molding

### Delivery form

Natural Color

### Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

### Chemical Resistance

Hydrolytically Stable


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