

Ubesta 3024 GU6L1

PA12-GF30

UBE

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------------|---------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 3 | g/10min | ISO 1133 |
| Temperature | 235 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 0.2 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.8 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|---------------|
| ISO Data | | | |
| Yield stress | 107 | MPa | ISO 527 |
| Strain at break | 6 | % | ISO 527 |
| Flexural modulus, 23°C | 5800 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 24 | kJ/m ² | ISO 179/1eA |
| Rockwell hardness | R 110 | - | ISO 2039-2 |

| Thermal properties | Value | Unit | Test Standard |
|---|------------|-------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 178 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 161 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 177 | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 30 | E-6/K | ISO 11359-1/-2 |

| Electrical properties | Value | Unit | Test Standard |
|-----------------------|-------------|-------|---------------|
| ISO Data | | | |
| Volume resistivity | 1E13 | Ohm*m | IEC 62631-3-1 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1240 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Delivery form

Black

Additives

Release agent

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe