

**Tarolox 111 G6 DX02**

PET-GF30

Taro Plast S.p.A.

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ISO Data</b>              |              |             |                      |
| Tensile Modulus              | <b>12000</b> | MPa         | ISO 527              |
| Strain at break              | <b>2</b>     | %           | ISO 527              |
| Flexural modulus, 23°C       | <b>11000</b> | MPa         | ISO 178              |
| <b>ASTM Data</b>             |              |             |                      |
| Izod Impact notched, 1/8 in  | <b>70</b>    | J/m         | ASTM D 256           |

| <b>Thermal properties</b>                | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ISO Data</b>                          |              |             |                      |
| Melting temperature, 10°C/min            | <b>256</b>   | °C          | ISO 11357-1/-3       |
| Temp. of deflection under load, 1.80 MPa | <b>240</b>   | °C          | ISO 75-1/-2          |
| Vicat softening temperature, B           | <b>244</b>   | °C          | ISO 306              |
| Burning behav. at 1.5 mm nom. thickn.    | <b>V-0</b>   | class       | IEC 60695-11-10      |
| Burning behav. at thickness h            | <b>V-0</b>   | class       | IEC 60695-11-10      |
| Thickness tested                         | <b>3.2</b>   | mm          | -                    |
| <b>ASTM Data</b>                         |              |             |                      |
| UL 94 Flame rating                       | <b>V-2</b>   | -           | UL 94                |
| Thickness tested                         | <b>0.75</b>  | mm          | -                    |
| Limiting Oxygen Index                    | <b>32</b>    | %           | ASTM D 2863          |

| <b>Electrical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ISO Data</b>              |              |             |                      |
| Comparative tracking index   | <b>225</b>   | -           | IEC 60112            |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Water absorption        | <b>0.06</b>  | %                 | Sim. to ISO 62       |
| Density                 | <b>1680</b>  | kg/m <sup>3</sup> | ISO 1183             |

**Characteristics****Delivery form**

Pellets

**Features**

Low Odor

**Additives**

Release agent

**Applications**

Automotive, Electrical and Electronical

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Regional Availability**

Europe