

**TYPICAL PROPERTIES OF TOYOLAC 100G-30**

| Typical Properties                | Test Method   | Test Conditions  | Unit              | Typical Value |
|-----------------------------------|---------------|------------------|-------------------|---------------|
| Melt Flow Rate                    | ISO 1133      | 240 °C/10kg      | g/10min           | 17            |
| Charpy Impact, notched            | ISO 179 / 1eA | 23°C             | kJ/m <sup>2</sup> | 5             |
| Deflection Temperature Under Load | ISO 75        | 120°C/hr, 1.8MPa | °C                | 103           |
| Tensile Stress At Break           | ISO 527       | 5 mm/min         | MPa               | 107           |
| Tensile Elongation                | ISO 527       | 5 mm/min         | %                 | >2            |
| Tensile Modulus                   | ISO 527       | 1 mm/min         | MPa               | 9600          |
| Flexural Stress                   | ISO 178       | 2 mm/min         | MPa               | 174           |
| Glass Content                     | Toray Method  |                  | wt.%              | 30            |
| Density                           | ISO 1183      |                  | kg/m <sup>3</sup> | 1260          |

Toray Plastics Malaysia Sdn. Bhd. (Head Office)  
 2628, MK1 SPT, Lorong Perusahaan 4 FIZ, Prai, 13600, Penang, Malaysia  
 Tel: 604-3988088 Fax: 604-3908975  
 Email : [sales.tpm@toray.com.my](mailto:sales.tpm@toray.com.my)  
[www.torayplastics.com](http://www.torayplastics.com)