

**TOYOLAC® A25C-300**

ABS

Toray Industries, Inc.

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--|--------------|-------------------|----------------------|
| <b>ISO Data</b>                            |              |                   |                      |
| Melt flow index, MFI                       | <b>62</b>    | g/10min           | ISO 1133             |
| Temperature                                | <b>220</b>   | °C                | -                    |
| Load                                       | <b>10</b>    | kg                | -                    |
| <b>Mechanical properties</b>               |              |                   |                      |
| <b>ISO Data</b>                            |              |                   |                      |
| Tensile Strength                           | <b>78</b>    | MPa               | ISO 527              |
| Flexural modulus, 23°C                     | <b>3600</b>  | MPa               | ISO 178              |
| Charpy notched impact strength, +23°C      | <b>1.2</b>   | kJ/m <sup>2</sup> | ISO 179/1eA          |
| <b>Thermal properties</b>                  |              |                   |                      |
| <b>ISO Data</b>                            |              |                   |                      |
| Temp. of deflection under load, 1.80 MPa   | <b>90</b>    | °C                | ISO 75-1/-2          |
| <b>Other properties</b>                    |              |                   |                      |
| Density                                    | <b>1080</b>  | kg/m <sup>3</sup> | ISO 1183             |
| Density                                    | <b>1080</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Regional Availability**

North America, Europe, Asia Pacific, South and Central America,  
Near East/Africa