

## AURUM® PL6200

- Non Reinforced/ Filled

Available Crystallized Resin

Recommended Condition for Crystallization = 220°C X 5hrs + 280°C X 5hrs

Remarks) The dimensional change will be occurred (0.1 – 2 %)

(Please ask the typical properties of Crystallized Parts)

- Typical Properties as non-Crystallized parts

| ITEM                         | TEST METHOD | UNIT                | VALUE     |  |
|------------------------------|-------------|---------------------|-----------|--|
| <b>Physical Properties</b>   |             |                     |           |  |
| S.G.                         | ASTM D 792  | —                   | 1.31      |  |
| Mold Shrinkage (MD/TD)       | MCI 法       | %                   | 0.90/1.40 |  |
| <b>Mechanical Properties</b> |             |                     |           |  |
| Tensile Strength             | ASTM D 638  | MPa                 | 91        |  |
| Tensile Elongation           | ASTM D 638  | %                   | 56        |  |
| Flexural Strength            | ASTM D 790  | MPa                 | 138       |  |
| Flexural Modulus             | ASTM D 790  | GPa                 | 3.1       |  |
| IZOD Impact Strength         | ASTM D 256  | J/m                 | 90        |  |
| <b>Thermal Properties</b>    |             |                     |           |  |
| H.D.T. @ 1.82MPa             | ASTM D 648  | °C                  | 214       |  |
| C.L.T.E. (MD/TD)             | ASTM D 696  | 10 <sup>-5</sup> /K | N.D.      |  |