

| Property                           | Test Condition      | Test Method ISO       | Units             | Nylon6/Extrusion |  |
|------------------------------------|---------------------|-----------------------|-------------------|------------------|--|
|                                    |                     |                       |                   | Deep drawing     |  |
|                                    |                     |                       |                   | CM1041LO         |  |
|                                    |                     |                       |                   | >PA6<            |  |
|                                    |                     |                       |                   | Dry              |  |
| Physical property                  |                     |                       |                   |                  |  |
| Water Absorption                   | 24hrs. in 23℃ water | ISO62                 | %                 | 1.8              |  |
| Density                            | 23℃                 | ISO1183               | kg/m <sup>3</sup> | 1130             |  |
| Mechanical property                |                     |                       |                   |                  |  |
| Tensile strength                   | 23℃                 | ISO527-1,2            | MPa               | 75               |  |
| Elongation at Break                | 23℃                 | ISO527-1,2            | %                 | 50               |  |
| Flexural Strength                  | 23℃                 | ISO178                | MPa               | 100              |  |
| Flexural Modulus                   | 23℃                 | ISO178                | GPa               | 2.5              |  |
| Charpy Impact Strength (V-notched) | 23℃                 | ISO179                | kJ/m <sup>2</sup> | 5.5              |  |
| Heat property                      |                     |                       |                   |                  |  |
| Melting Point                      |                     | DSC Method            | ℃                 | 225              |  |
| Molding property                   |                     |                       |                   |                  |  |
| Melting Viscosity                  | 190℃                | Koka type Flow Tester | Pa · s            | -                |  |
| Melting Viscosity                  | 230℃                | Koka type Flow Tester | Pa · s            | -                |  |
| Melting Viscosity                  | 250℃                | Koka type Flow Tester | Pa · s            | 1780             |  |
| Melting Viscosity                  | 270℃                | Koka type Flow Tester | Pa · s            | 1110             |  |
| Melting Viscosity                  | 290℃                | Koka type Flow Tester | Pa · s            | 770              |  |

These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.

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