

**DESCRIPTION**

- Injection

| Properties                  | Test      | Test Condition                                 | SI unit  |       |
|-----------------------------|-----------|------------------------------------------------|----------|-------|
|                             |           |                                                | Unit     | s.p.  |
| Mechanical                  |           |                                                |          |       |
| Izod Impact Strength        | ASTMD256  | 23°C , 1/2 in notched                          | kg-cm/cm | 1.7   |
| Izod Impact Strength        | ASTMD256  | 23°C , 1/8 in notched                          | kg-cm/cm | 1.8   |
| Tensile Strength at Yield   | ASTMD638  | 23°C , 1/8 in, 5 mm/min                        | kg/cm²   | 700   |
| Tensile Strength at Break   | ASTMD638  | 23°C , 1/8 in, 5 mm/min                        | kg/cm²   | 690   |
| Elongation at Break         | ASTMD638  | 23°C , 1/8 in, 5 mm/min                        | %        | 5     |
| Flexural Yield              | ASTMD790  | 23°C , 2.8 mm/min                              | kg/cm²   | 1100  |
| Flexural Modulus            | ASTMD790  | 23°C , 2.8 mm/min                              | kg/cm²   | 34000 |
| Thermal                     |           |                                                |          |       |
| Heat Distortion Temperature | ASTMD648  | Unannealed, 1/2 in, 18.56 kg/cm² load pressure | °C       | 90    |
| Vicat Softening Temperature | ASTMD1525 | 1/8 in , 1 kg load                             | °C       | 103   |
| Physical                    |           |                                                |          |       |
| Specific Gravity            | ASTMD792  |                                                |          | 1.06  |
| Rockwell Hardness           | ASTMD785  | 23°C ,                                         |          | M-82  |
| Mold Shrinkage              | ASTMD955  |                                                | %        | ≤0.5  |
| Melt Flow Index             | ASTMD1238 | 200°C , 5kg load                               | g/10min  | 5.0   |
|                             |           | 220°C ,10kg load                               | g/10min  | 50    |
| Flammability                | UL-94     | 1/16 in                                        |          | HB    |

