

STAR PC EX4

| General | |
|-------------------|----------------|
| Availability | Global |
| Processing Method | Extrusion |
| Description | Sheet grade PC |

| Physical | Nominal Value | Test Method |
|--------------------------|------------------------|-------------|
| Density/Specific Gravity | 1.03 g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate | 4 g/10 min | ASTM D1238 |

| Mechanical | Nominal Value | Test Method |
|--------------------|---------------|-------------|
| Tensile Strength | Yield | ASTM D638 |
| | Break | 39 MPa |
| Tensile Elongation | Yield | ASTM D638 |
| | Break | 3% |
| Flexural Modulus | 2100 Mpa | ASTM D790 |
| Flexural Strength | 63 MPa | ASTM D790 |

| Impact | Nominal Value | Test Method |
|---------------------|---------------|-------------|
| Notched Izod Impact | 410 J/m | ASTM D256 |

| Thermal | Nominal Value | Test Method |
|----------------------------------|---------------|-------------|
| HDT, 1.82 MPa, 3.2mm, Unannealed | 80 C | ASTM D648 |

| Flammability | Nominal Value | Test Method |
|----------------------|---------------|-------------|
| Flame Rating (1.5mm) | HB | UL 94 |

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.