

# MATERIAL SAFETY DATA FOR PETG SHEET

## 1. PRODUCT IDENTIFICATION

|                 |   |
|-----------------|---|
| Product Name    | Clear PETG                                |
| Finish          | High gloss surface                        |
| Characteristics | Excellent clarity, high impact resistance |
| Chemical Family | Polyethylene Terephthalate copolymer      |

## 2. MATERIAL PROPERTIES

| Properties                           | ISO Test Method | Unit              |       |
|--------------------------------------|-----------------|-------------------|-------|
| Density                              | ISO 1183        | g/cm <sup>3</sup> | 1.27  |
| Izod Impact Strength (notched)       | ISO 180/4A      | kJ.m <sup>2</sup> | 11.5  |
| Flexural Strength                    | ISO 178         | MPa               | 70    |
| Tensile Strength                     | ISO 527-2       | MPa               | 50    |
| Vicat Softening Temperature (10N)    | ISO 306         | °C                | 70    |
| Heat Deflection Temperture (1.8 Mpa) | ISO 75-2        | °C                | 72/68 |
| Fire Performance                     | DIN 4102-1      | -                 | B1    |