

**PPS Technical Data Sheet (TDS)**

| Mechanical Properties    | Metric              | Test Method |
|--------------------------|---------------------|-------------|
| Tensile Strength         | 50MPa               | ISO 527     |
| Tensile Elongation       | 5%                  | ISO 527     |
| Flexural Strength        | 83 MPa              | ISO 527     |
| Flexural Modulus         | 2300 MPa            | ISO 527     |
| Impact Strength (Charpy) | 2 kJ/m <sup>2</sup> | ISO 179     |

| Thermal Properties                        | Metric | Test Method |
|-------------------------------------------|--------|-------------|
| Glass Transition Temperature              | 86° C  | DSC         |
| Deflection Temperature at 0.45MPa (66psi) | 180 C  | ISO 75      |

| Fire Testing*                     | Metric    | Test Method |
|-----------------------------------|-----------|-------------|
| Flammability Rating (*Base Resin) | V-0@1.5mm | UL 94       |

| Other Properties | Metric                | Test Method |
|------------------|-----------------------|-------------|
| Density          | 1.38g/cm <sup>3</sup> | ISO 1183    |

Updated on May 11, 2026