



## TECHNICAL DATA THV Resin PF-T10L

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PF-T series THV resin is designed for applications requiring chemical resistance, thermal stability, electrical insulation, and reliable mechanical performance.

### Product Overview

Product: THV Resin PF-T10 is a premium-grade THV resin prepared for transparent granule applications. Grade naming is based on the nominal melt mass-flow rate.

Typical Applications: Wire and cable insulation, tubing, injection or extrusion parts, chemical-resistant components, and other THV applications requiring stable processing.

Package: 25 kg per bag/drum, or according to customer requirement.

### TYPICAL PROPERTIES OF THV Resin PF-T10L (premium-grade data; not for specification purposes)

| Properties          | Unit              | PF-T10L                                                                                              |
|---------------------|-------------------|------------------------------------------------------------------------------------------------------|
| Appearance          | -                 | Transparent granules; no metal scraps, sand, or other impurities; visible black particles $\leq 1\%$ |
| Colority            | -                 | $\geq 40$                                                                                            |
| Density             | g/cm <sup>3</sup> | 1.94 - 2.04                                                                                          |
| Melt mass-flow rate | g/10 min          | 8.0 - 12.0                                                                                           |
| Melting point       | °C                | 160 $\pm$ 10                                                                                         |
| Tensile strength    | MPa               | $\geq 25$                                                                                            |
| Elongation at break | %                 | $\geq 450$                                                                                           |
| Shore D hardness    | -                 | 50 $\pm$ 5                                                                                           |



## Notes

Grade PF-T10L is assigned from the inspection report MFR value of 9.8 g/10 min. The table is based on premium-grade criteria from the source inspection report dated 2025-08-02.

## CERTIFICATION

- SGS Certification
- ROHS Certification
- REACH Certification
- SVHC Certification

## PRODUCT DESCRIPTION

THV Resin PF-T10L is a high-quality THV resin with balanced processing behavior, chemical resistance, thermal stability, and mechanical properties. It is suitable for processing by conventional THV molding or extrusion methods when handled under appropriate temperature and cleanliness controls.

## STORAGE AND HANDLING

1. Not classified as hazardous for transport.
2. Store in a clean, cool, dry warehouse and keep the package sealed before use.
3. Avoid moisture, dust contamination, direct sunlight, and heavy impact during storage and transport.
4. Dry or pre-condition the resin when required by the processing conditions.
5. Use appropriate ventilation and standard polymer-processing safety practices.

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