

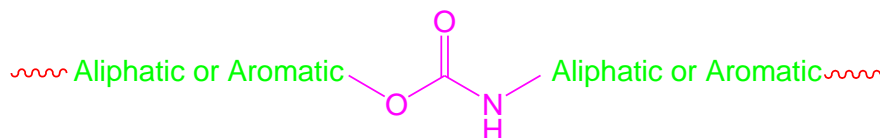
# Product Information

## Polyurethane TPU-151

**Product Number: 600151**

### Synonyms

Polyether-based Polyurethane



### Specifications

CAS Number: -

M.W. (Repeat Unit): 20,000 – 30,000 g.mol<sup>-1</sup>

Appearance (Form): Solid

Appearance (Color): Colorless to Yellow

Store: Room Temperature

FTIR Spectrum: Conforms to Structure

Purity: ≥ 98%

Solubility (DMSO, DMF, DEE): Soluble

### Description

Polyurethane TPU-151 is a polyether-based polyurethane and shows appropriate elasticity and shape memory properties. Due to its aliphatic isocyanate-based structure, it has good phase separation. It is available as both the resin-based formulation or post-cured product.

### Applications

The Polyurethane TPU-151 is used as a polymeric membrane for separation of different gases, a soft and stretchable substrate for tissue engineering and polymeric support for different applications.

### Precautions

For laboratory and research use. Not for drug, household or other uses.

### Stability

The Polyurethane TPU-151 is stable for at least 6 months at room temperature. Storage of the TPU-151 at high temperature for more than 1 week may cause decomposition and yield incorrect results.

### Packaging

5 g in plastic bottle