

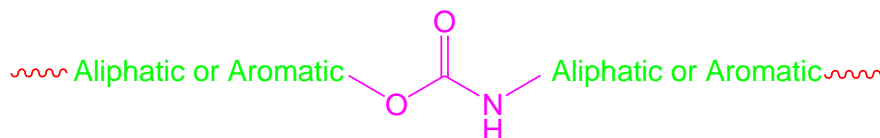
Product Information

Polyurethane TPU-152

Product Number: 600152

Synonyms

Polyether-based Polyurethane



Specifications

CAS Number: -

M.W. (Repeat Unit): 20,000 – 30,000 g.mol⁻¹

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-152 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-152 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-152 is stable for at least 6 months at room temperature. Storage of the TPU-152 at high temperature for more than 1 week may cause decomposition and yield incorrect results.

Packaging

5 g in plastic bottle