



A Copolyester TPE Unfilled Compound

TYPICAL APPLICATIONS:

Automotive components (convolute tubing).

Product Description:

Properties below are typical for this grade of copolyester elastomer compound.

Delfingen Product Reference: **TPEE2**
Color available : Black (M0660)

Features and Options:

- Good Thermal Properties up to 150°C for 3000 hours
- Short term aging 175°C for 336h
- Superior Balance of Stiffness and Impact Strength
- Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.

Physical Properties	Test Methods	Values	Unit
Specific Gravity	ISO 1183	1.26	g/cm ³
Tensile Strength at Break	D638	48	MPa
Tensile Elongation at Break	D638	750	%
Notched Izod Impact	ASTM D256	No Break	kJ/m ²
23°C		No Break	kJ/m ²
-30°C		No Break	kJ/m ²
Hardness	ASTM D2240	65	Shore D
Melting Temperature	DSC	207	°C
Flammability (1.6mm)	UL94	HB	-

This material is designed to meet:

- **Delphi M4640**
- **Delphi M2373**
- **FORD ES-XU5T-14A099-AA (150°C Class Temperature)**

This raw material complies with Ford Engineering Material Specification WSS-M99P9999-A1 and General Motors GMW 3059.

IMDS report available on demand.

The data listed here falls within normal range of properties, but they should not be used for setting specific limits or used as a basis for design. The applications and conditions for use of this product including technical assistance and information are beyond our control. Users of this product are responsible for evaluating this product to ensure their own satisfaction that it is suitable for their intended uses. All information is given without warranty or guarantee. Before working with this product, users must read and familiarize themselves with the available health, safety and environmental information that is available regarding product hazards, proper use and handling.