



Application/Uses

- Tie-layers
- Flexible Packaging
- Compounding
- Compatibilizer

Product Description

Westlake TYMAX® GT7001 is an anhydride modified acrylate copolymer designed for extrusion coating and cast film tie layers. This resin is designed to function as a coextruded tie layer in multilayer applications, and is designed to tie polyethylene or polyester to resins that typically have poor bonding characteristics such as polyamide and EVOH. This polymer can also be used as a compatibilizer for compounding dissimilar resins.

Typical Physical Properties

<u>Property^a</u>	<u>Test^b Method</u>	<u>Typical Value, Units^c</u>
Melt Index (Condition 190°C/2.16 kg)	D 1238	6.0 g/10 min
Density	D 4883	942 kg/m ³ (0.942 g/cm ³)
Methyl Acrylate Content	Westlake	20 wt. %
DSC Crystallization Point	D3418	67°C (153°F)
DSC Melting Point	D3418	84°C (183°F)
VICAT Softening Point	D1525	51°C (124°F)
Durometer Hardness, Shore D Scale	D2240	38
Secant Modulus of Elasticity	D790	47 MPa (6,800 PSI)

^A Unless noted otherwise, all tests are run at 23 °C (73 °F) and 50% relative humidity.

^B Unless noted otherwise, the test method is ASTM.

^C Units are in SI or US customary units.

FDA

This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

PROCESSING

For assistance with applications and temperature profiles, contact the Westlake Technical Services Department at 903-242-7693.

COMMENTS

The data listed above represents typical values as measured by Westlake. They are given for information only, and no guarantee of their accuracy is made. The product is sold upon condition that purchasers shall make their own tests to determine the characteristics of the product and the suitability of the product for their particular purpose.

Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

WESTLAKE CHEMICAL CORPORATION
2801 Post Oak Blvd Suite 600 Houston, Texas
Customer Service: 1-800-545-9577