

Applications

- Extrusion coating
- Laminations
- Tie-layer

Product Description

TYMAX[®] GT1057 is a maleic anhydride modified low density polyethylene designed as an extrusion coating and laminating tie-layer. TYMAX[®] GT1057 provides excellent adhesion to polyolefins, polyamides, aluminum foil, and EVOH as a coextruded tie-layer or a laminating layer.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	7.5 g/10 min
Density	D 4883	917 kg/m ³ (0.917 g/cm ³)
Vicat Softening Point	D 1525	87°C (189°F)
DSC Melting Point	D 3418	106°C (223°F)

^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.

Processing

Extrusion coating melt temperatures not to exceed 625°F are recommended for TYMAX[®] GT1057. For assistance with applications and temperature profiles, please contact your Westlake Technical Services Representative.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

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