Westlake Polyethylene™

TYMAX® GT7000

Tie Layer Resin

Technical Data Sheet

Applications

- Blown and cast films
- Tie-layer

Product Description

TYMAX® GT7000 is a maleic anhydride modified ethylene methyl acrylate copolymer designed for blown and cast film applications. It has a high level of maleic anhydride modification to allow it to be utilized for blending in tailor-made tie layers for multilayer film applications. This resin is designed for bonding to polyolefins, polyamides, EVOH, and PET film layers. It does not contain any slip or antiblock additives.

Typical Physical Properties

Property [a]	Test Method [b]	Typical Value, Units [c]
Melt Index	D 1238	10.0 g/10 min
Density	D 1505	951 kg/m^3 (0.951 g/cm^3)
Methyl Acrylate Content	Westlake	24.0 wt. %
DSC Melting Point	D 3418	75°C (167°F)
DSC Crystallization Point	D 3418	58°C (136°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

Melt temperatures of 360°F – 390°F are recommended for TYMAX® GT7000. 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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