Westlake Polyethylene™

TYMAX® GT4612

Tie Layer Resin

Technical Data Sheet

Applications

- Blown & cast Films
- Tie-layer

Product Description

TYMAX® GT4612 is a maleic anhydride modified linear low density polyethylene designed for blown and cast film applications. This resin is designed for bonding polyethylene to both polyamide and EVOH layers in multilayer films. It can be blended with polyethylene for use in some tie layers, but it is strongly recommended that you consult with a Westlake Technical Service Representative to determine the appropriate blend ratio for your application. It does not contain any slip or antiblock additives.

Typical Physical Properties

Property [a]	Test Method [b]	Typical Value, Units [c]
Melt Index (Condition 190°C/2.16 kg)	D 1238	3.6 g/10 min
Density	D 4883	920 kg/m^3 (0.920 g/cm^3)
Vicat Softening Point	D 1525	97°C (207°F)
DSC Melting Point	D 3418	124°C (255°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 390°F – 420°F are recommended for TYMAX GT4612. 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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