

Technical Data Sheet

Applications

- Blown film
- Tie-layer

Product Description

TYMAX® GT4525 is a maleic anhydride modified linear low density polyethylene plastomer suitable for blown film applications. This resin is designed for bonding polyethylene to both polyamides and EVOH resins in multilayer films. Because it is a plastomer based resin, it has higher flexibility, dart impact, and tear resistance than standard linear low density polyethylene tie resins. 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	0.75 g/10 min
Density	D 4883	910 kg/m ³ (0.910 g/cm ³)
Vicat Softening Point	D 1525	90°C (194°F)
DSC Melting Point	D 3418	121°C (250°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 410°F – 440°F are recommended for TYMAX® GT4525. 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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