

Applications

- Cast film
- Thermal laminations

Product Description

Westlake ELEVATE® EF532 resin is a 12% vinyl acetate copolymer designed as a heat seal layer for coextruded cast film applications that require excellent optical properties and low heat seal initiation temperature.

Typical Physical Properties

| Property ^a | | Test Method ^b | Typical Value, Units ^c |
|--------------------------------------|------|--------------------------|--|
| Melt Index (Condition 190°C/2.16 kg) | | D 1238 | 8.0 g/10 min |
| Density | | D 1505 | 933 kg/m ³ (0.933 g/cm ³) |
| DSC Melting Point | | D 3418 | 94°C (201°F) |
| Vicat Softening Point | | D 1525 | 70°C (158°F) |
| Haze | | D 1003 | 2.5% |
| Gloss @ 45° | | D 2457 | 80 |
| Dart Impact | | D 1709 | 125 g |
| Tensile Strength @ Break | M.D. | D 882 | 24.8 MPa (3,600 psi) |
| | T.D. | D 882 | 21.4 MPa (3,100 psi) |
| Elongation | M.D. | D 882 | 400% |
| | T.D. | D 882 | 800% |
| 1% Secant Modulus | M.D. | D 882 | 72.4 MPa (10,500 psi) |
| | T.D. | D 882 | 79.3 MPa (11,500 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.

Notes

The reported properties were measured for 1 mil cast film.

Processing

Melt temperatures of 380°F – 410°F are recommended for EF532.

Regulatory Compliance

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

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