

Technical Data Sheet

Applications

- Frozen food packaging
- Heat seal

Product Description

ELEVATE® EF206 is a 20% vinyl acetate copolymer designed for packaging films that require excellent low temperature performance and good heat sealing characteristics.

Typical Physical Properties

Property ^a		Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)		D 1238	6.0 g/10 min
Peak Melting Point by DSC (T _m)		D 3418	85°C (185°F)
Vicat Softening Temperature		D 1525	58°C (136°F)
Haze		D 1003	2.0%
Gloss @ 45°		D 2457	87
Dart Impact		D 1709A	430 g
Tensile Strength @ Break	M.D.	D 882	23.4 MPa (3,400 psi)
	T.D.	D 882	21.4 MPa (3,100 psi)
Elongation	M.D.	D 882	575%
	T.D.	D 882	1,075%
1% Secant Modulus	M.D.	D 882	42.7 MPa (6,200 psi)
	T.D.	D 882	39.3 MPa (5,700 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

Test specimens for blown film: nominal thickness 2.0 mils; blow up ratio 2.5:1, die gap 35 mils.

Processing

Melt temperatures of 360°F – 390°F are recommended for EF206 with blow-up ratios of 1.5:1 or higher.

Regulatory Compliance

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

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