

MELT - 2.0

DENSITY - 0.924

EDF-224F is a certified prime grade 3 wt% VINYL ACETATE-ETHYLENE copolymer designed for production of specialty blown films requiring excellent balance of mechanical and optical properties. Maximum recommended film drawdown is 1.0 mil. **EDF-224F** contains medium slip and medium antiblock. **EDF-224F** complies with FDA regulation 21CFR 177.1350 (a) + (b) concerning Ethylene-Vinyl Acetate copolymers use in contact with food articles, subject to restrictions: 1) May not be used for contact with food containing more than 0.5% alcohol, and 2) May not be used in materials for food packaging exceeding 10 mils thickness.

Features:

- Good toughness
- High clarity
- High impact resistance
- Medium antiblock
- Medium slip

Applications Including:

- Coextrusion sealing layers
- Ice bags
- Frozen food
- Poultry bags
- Packaging films requiring good heat sealability

PROPERTIES	ASTM	UNIT	VALUES	
PHYSICAL				
Density	D1505	g/cm ³	0.924	
Melt Flow Rate (190°C, 2.16 kg)	D1238	g/10 min	2.0	
Tensile Strength (Break, 0.00125 in)	D638	psi	3340	
1.3 mil Blown Film (2.5:1 blow-up-ratio)			MD	TD
Elastic Modulus	D882	psi	23800	27300
Tensile Strength (Yield)	D882	psi	1450	1380
Tensile Strength (Break)	D882	psi	3340	2900
Tensile Elongation (Break)	D882	%	230	580
Elmendorf Tear Strength	D1922	g	240	140
Dart Drop Impact (F50)	D1709A	g	140	
Haze	D1003	%	6.0	
Gloss (45 ⁰ , 1.25 mil)	D2457		75	