

EVA 1301

Ethylene Vinyl Acetate



Overview

EVA 1301 is a copolymer resins with good toughness, flexibility and clarity. Typical applications include laminating and heavy duty films as well as injection and blow molding.

Applications

- Compounding
- Freezer film
- Heat seal layer
- Liquid packaging
- Primal meat bags
- Profile extrusion
- Stretch film

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	0.45	g/10 min	D 1238
Density (g/cm ³)	0.935	g/cm ³	D 792
Vicat Softening Temperature	169	°F	D1525
Vinyl Acetate Content	13.5	wt%	
Tensile Strength at break (MD/TD)	4920 / 5010	psi	D882
Elongation at break (MD/TD)	360 / 660	%	D882
Secant Modulus - 1% Secant (MD/TD)	11700 / 13000	psi	D882
Elmendorf Tear Strength (MD/TD)	66 / 82	g	D1922
Dart Drop Impact	710	g	D1709A
Gloss (45°)	80		D2457
Haze	2.4		D1003