

EVA 2.18

Ethylene-Vinyl Acetate



Overview

EVA 2.18 is an ethylene vinyl acetate copolymer with 18% VA. This resin is designed for use in applications such as injection molding, compounding, foaming, and general extrusion. This material has excellent low temperature brittleness properties, melt strength and flexibility.

Applications

- Meat packaging
- Primal meat bags

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	2	g/10 min	D 1238
Density (g/cm ³)	0.940	g/cm ³	D 792
Vicat Softening Point	154	°F	ASTM D1525
Peak Melting Temperature	187	°F	ASTM D3418
Vinyl Acetate Content	18	wt%	
Flexural Modulus – 1% Secant	7000	psi	ASTM D882
Elongation at Break	645	%	ASTM D882
Tensile Strength at Break	4400/4000	psi	ASTM D882
Haze	1745	%	ASTM D1003
Durometer Hardness, Shore D	30		ASTM D2240