

EVA 2/18

Ethylene-Vinyl Acetate

StarResin

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

- Films
- Hot Melt Adhesives
- Sealants

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
Vinyl Acetate Content	28	%	
Vicat Softening Point	120	°F	D1525
DSC Peak Melting Temperature	167	°F	D3418
Tensile Strength at Break	2800	psi	D638
Elongation at Break	1100	%	D638
1% Secant Modulus	3500	psi	D790
Hardness, Shore A	85		D2240
Hardness, Shore D	30		D2240