

EVA 1803

Ethylene Vinyl Acetate



Overview

EVA 1803 is a high vinyl acetate copolymer with a low melting temperature and excellent strength properties and toughness.

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	3.8	g/10 min	D 1238
Vinyl Acetate Content	18	%	
Tensile Strength at Yield (MD/TD)	5940 / 4390	psi	D882
Tensile Strength at Break (MD/TD)	679 / 624	psi	D882
Elongation at Yield (MD/TD)	410 / 563	%	D882
Elongation at Break (MD/TD)	9 / 9	%	
Dart Drop Impact Strength	606	g	D1709
Low Temperature Brittleness	<-76	°C	D746
Vicat Softening Point	65	°C	D1525
Hardness, Shore A	91		D2240