

EVA 1802

Ethylene Vinyl Acetate



Overview

EVA copolymer with excellent flexibility and low temperature properties. MARPOL EVA 1802 is designed for use in medium to heavy gauge film applications as well as injection and blow molding.

Property	Value	Unit	ASTM
Melt index (condition 230°C/2.16 kg)	2	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	%	D882
Dart Drop Impact Strength	606	g	D1709
Low Temperature Brittleness	<-76	°C	D746
Vicat Softening Point	65	°C	D1525
Hardness, Shore A	91		D2240