

## Ethylene Vinylacetate Copolymer

Film Grade	<b>MELT INDEX</b>	<b>0.7</b>
	<b>VA CONTENT</b>	<b>18.0</b>

HANWHA EVA 1218 is manufactured by high pressure autoclave process and designed for a variety of film applications. EVA 1218 has well-balanced properties of high clarity, mechanical properties and processability.

This product complies with U.S. FDA regulation 21 CFR 177.1350(a)(1).

### ▣ Outstanding Properties

Excellent processability  
Good optical property  
Good mechanical properties

### ▣ Processing Conditions

Processing temperature: 140 ~ 180°C

### ▣ Additives

Antioxidant

### ▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	0.7
VA Content	wt%	HCC Method <sup>(3)</sup>	18.0
Density	g/cm <sup>3</sup>	ASTM D1505	0.939
Vicat Softening Point	°C	ASTM D1525	60
Melting Point	°C	ASTM D3417	85
Tensile Strength at Break	kg/cm <sup>2</sup>	ASTM D638	200
Elongation at Break	%	ASTM D638	780
Brittleness Temperature, F <sub>0</sub>	°C	ASTM D746	<-76

1. These are typical properties: not to be construed as specification.
2. The value for this property is dependent on part geometry and fabrication conditions.
3. Elemental Analyzer and FT-IR