

# HANWHA

## Ethylene Vinylacetate Copolymer

# 1218

Film Grade

**MELT INDEX**     **0.7**  
**VA CONTENT**     **18.0**

HANWHA EVA 1218 is manufactured by high pressure autoclave process and designed for variety of film application. EVA 1218 has well balanced property of high clarity, mechanical property 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 Property

### ▣ 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

