



1218

Ethylene Vinylacetate Copolymer

Film Grade

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

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 ⁽³⁾	18.0
Density	g/cm ³	ASTM D1505	0.939
Vicat Softening Point	°C	ASTM D1525	60
Melting Point	°C	ASTM D3417	85
Tensile Strength at Break	kg/cm ²	ASTM D638	200
Elongation at Break	%	ASTM D638	780
Brittleness Temperature, F ₀	°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



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