

Ethylene Vinylacetate Copolymer

Base Resin for Wire & Cable Compound Grade

MELT INDEX 17.0**VA CONTENT 33.0**

HANWHA EVA 1834 is manufactured by high pressure autoclave process and designed for base resin of a variety of wire & cable compounds such as semi-conductive compound and flame retardant compound. EVA 1834 is well known for its excellent processability, filler loadability and high quality assurance.

▣ Outstanding Properties

Excellent foam molding property
 Very good mechanical properties
 Excellent loading property of various fillers

▣ Processing Conditions

Kneader: 70 ~ 80°C
 Roll Mill: 70°C

▣ Additives

Antioxidant, Slip Agent

▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	17.0
VA Content	wt%	HCC Method ⁽³⁾	33.0
Density	g/cm ³	ASTM D1505	0.955
Vicat Softening Point	°C	ASTM D1525	<30
Melting Point	°C	ASTM D3417	61
Tensile Strength at Break	kg/cm ²	ASTM D638	82
Elongation at Break	%	ASTM D638	1000
Brittleness Temperature, F ₀	°C	ASTM D746	<-76
Hardness	Shore A	ASTM D2240	65

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