

HANWHA

Ethylene Vinylacetate Copolymer

1834

Base Resin for wire & Cable Compound

MELT INDEX 17.0

VA CONTENT 33.0

HANWHA EVA 1834 is manufactured by high pressure autoclave process and designed for base resin of variety of wire & cable compounds such as semi-conductive compound, 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

