

Hanwha

Ethylene Vinyl Acetate

1834

Base Resin for Wire & Cable Compound

Melt Index 18.0

VA Content 33

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, etc. EVA 1834 is well known for its excellent processability, filler loadability and high quality assurance.

■ Outstanding Properties

Good Mechanical Properties
Excellent Filler Loadability
Good Elastic Property

■ Processing Conditions

Kneader : 90 ~120 °C
Roll Mill : 90°C

■ Additives

Antioxidant, Slip Agent

■ Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	18.0
VA Content	%	HCC Method	33
Density	g/cm ³	ASTM D1505	0.960
Vicat Softening Point	°C	ASTM D1525	< 30
Melting Temperature	°C	ASTM D3417	61
Tensile Strength at Break	kg/cm ²	ASTM D638	82
Elongation at Break	%	ASTM D638	> 1000
Hardness, Shore A	-	ASTM D2240	65
Low Temperature Brittleness, F ₀	°C	ASTM D746	<-76
Hardness (Shore A, 1 sec.)	-	ASTM D2240	65

* Values are typical: not to be construed for specification.

