

HANWHA

Ethylene Vinylacetate Copolymer

1825

Base Resin for wire & Cable Compound

MELT INDEX **2.0**
VA CONTENT **25.0**

HANWHA EVA 1825 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 1825 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 : 75 ~ 95°C
Roll Mill : 85°C

▣ Additives

Antioxidant

▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	2.0
VA Content	wt%	HCC Method ⁽³⁾	25.0
Density	g/cm ³	ASTM D1505	0.947
Vicat Softening Point	°C	ASTM D1525	49
Melting Point	°C	ASTM D3417	77
Tensile Strength at Break	Kg/cm ²	ASTM D638	180
Elongation at Break	%	ASTM D638	850
Brittleness Temperature, F ₀	°C	ASTM D746	<-76
Hardness	Shore A	ASTM D2240	84

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

