



# 1815

## Ethylene Vinylacetate Copolymer

Base Resin for Wire & Cable Compound Grade

**MELT INDEX** **6.0**

**VA CONTENT** **15.0**

HANWHA EVA 1815 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 1815 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: 90 ~ 110°C

Roll Mill: 100°C

### ■ Additives

Antioxidant

### ■ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	6.0
VA Content	wt%	HCC Method <sup>(3)</sup>	15.0
Density	g/cm <sup>3</sup>	ASTM D1505	0.936
Vicat Softening Point	°C	ASTM D1525	66
Melting Point	°C	ASTM D3417	88
Tensile Strength at Break	kg/cm <sup>2</sup>	ASTM D638	160
Elongation at Break	%	ASTM D638	800
Brittleness Temperature, F <sub>0</sub>	°C	ASTM D746	<-76
Hardness	Shore A	ASTM D2240	93

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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