

## Ethylene Vinylacetate Copolymer

Base Resin for Wire &amp; Cable Compound Grade

**MELT INDEX 6.5****VA CONTENT 15.0**

HANWHA EVA 2815 is manufactured by high pressure tubular process and designed for base resin of a variety of wire & cable compounds such as semi-conductive compound and flame retardant compound. EVA 2815 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	6.5
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	180
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