

# Hanwha

## Ethylene Vinyl Acetate

# 1826

Base Resin for Wire & Cable Compound

Mlet Index 4.5

VA Content 26

HANWHA EVA 1826 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 1826 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 ~ 110℃  
Roll Mill : 100℃

### ■ Additives

Antioxidant

### ■ Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	4.5
VA Content	%	HCC Method	26
Density	g/cm <sup>3</sup>	ASTM D1505	0.949
Vicat Softening Point	℃	ASTM D1525	48
Melting Temperature	℃	ASTM D3417	76
Tensile Strength at Break	kg/cm <sup>2</sup>	ASTM D638	170
Elongation at Break	%	ASTM D638	800
Low Temperature Brittleness, F <sub>0</sub>	℃	ASTM D746	<-76
Hardness(Shore A/D, 1 sec.)	-	ASTM D2240	82/28

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

