

# Hanwha

## Ethylene Vinyl Acetate

# 1828

Base Resin for Wire &amp; Cable Compound

Melt Index 4.0

VA Content 28

HANWHA EVA 1828 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 1828 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

### ■ Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	4.0
VA Content	%	HCC Method	28
Density	g/cm <sup>3</sup>	ASTM D1505	0.950
Vicat Softening Point	°C	ASTM D1525	44
Melting Temperature	°C	ASTM D3417	75
Tensile Strength at Break	kg/ cm <sup>2</sup>	ASTM D638	190
Elongation at Break	%	ASTM D638	800
Low Temperature Brittleness, F <sub>0</sub>	°C	ASTM D746	<-76
Hardness (Shore A/D, 1 sec.)	-	ASTM D2240	79/26

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

