

Hanwha

Ethylene Vinyl Acetate

1828

Base Resin for Wire & 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 ³ | ASTM D1505 | 0.950 |
| Vicat Softening Point | °C | ASTM D1525 | 44 |
| Melting Temperature | °C | ASTM D3417 | 75 |
| Tensile Strength at Break | kg/ cm ² | ASTM D638 | 190 |
| Elongation at Break | % | ASTM D638 | 800 |
| Low Temperature Brittleness, F ₀ | °C | ASTM D746 | <-76 |
| Hardness (Shore A/D, 1 sec.) | - | ASTM D2240 | 79/26 |

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