



1828

Ethylene Vinylacetate Copolymer

Base Resin for Wire & Cable Compound Grade

MELT INDEX 4.0

VA CONTENT 28.0

HANWHA EVA 1828 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 1828 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: 70 ~ 90°C

Roll Mill: 80°C

■ Additives

Antioxidant

■ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	4.0
VA Content	wt%	HCC Method ⁽³⁾	28.0
Density	g/cm ³	ASTM D1505	0.950
Vicat Softening Point	°C	ASTM D1525	44
Melting Point	°C	ASTM D3417	75
Tensile Strength at Break	kg/cm ²	ASTM D638	190
Elongation at Break	%	ASTM D638	800
Brittleness Temperature, F ₀	°C	ASTM D746	<-76
Hardness	Shore A	ASTM D2240	79

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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