

# EVA 1828

Ethylene Vinyl Acetate

Base Resin for Wire & Cable Compound

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	4
VA Content	%	HCC Method	28
Density	g/cm <sup>3</sup>	ASTM D1505	0.95
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

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

Producer: HANWHA.Korea

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