

# HANWHA EVA 1828

Ethylene Vinyl Acetate Copolymer

Hanwha Chemical

## Message:

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.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	Good Processability		
	High Elasticity		
Uses	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 1 sec	79		
Shore D, 1 sec	26		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	18.6	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	44.0	°C	ASTM D1525
Melting Temperature	75.0	°C	ASTM D3417
Additional Information	Nominal Value	Unit	
Processing Temperature			
Kneader	90 to 120	°C	
Roll Mill	90	°C	

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