

Technical Data Sheet

Icorene N1012-500 NAT



Ethylene Vinyl Acetate

Product Description

Icorene N1012 is a premium copolymer of ethylene vinyl acetate specifically designed for the preparation of masterbatch. The powder form can achieve better colour developments or additive dispersion in a masterbatch than the pellet form. The vinyl acetate content is about 27.5 %. This grade can be used in various applications such as hot melt adhesives with a maximum processing temperature of 200°C.

Processing Method	Compounding Extrusion; Scatter Coating
Attribute	Copolymer; Dispersible; Food Contact Acceptable; Good Colorability; Heat Stabilized
Forms	Powder
Additive	Heat Stabilizer
Application	Adhesives; Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	25	g/10 min	ASTM D1238
Density, (Internal Method)	0.951	g/cm ³	ASTM D1505
Vinyl Acetate Content, (Internal Method)	27.5	wt %	
Thermal			
Peak Melting Temperature	71	°C	ASTM D3418
Additional Information			
Continuous Use Temperature, (No Standard)	<200	°C	ASTM D794
Injection Parameters			
Processing (Melt) Temp	<200	°C	