

## Technical Data Sheet

# ICORENE® N1014

Ethylene Vinyl Acetate Copolymer  
Custom Powders



### Product Description

ICORENE® N1014 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 33%.

This grade has a maximum processing temperature of 200°C.

### General

Additive	• Heat Stabilizer		
Features	• Copolymer • Dispersible	• Food Contact Acceptable • Good Colorability	• Heat Stabilized
Uses	• Adhesives	• Masterbatch	
Agency Ratings	• EU Food Contact, Unspecified Rating	• FDA Food Contact, Unspecified Rating	
Forms	• Powder		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.956 g/cm <sup>3</sup>	0.956 g/cm <sup>3</sup>	Internal Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	45 g/10 min	45 g/10 min	ASTM D1238
Vinyl Acetate Content	33.0 wt%	33.0 wt%	

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	73	73	ASTM D2240

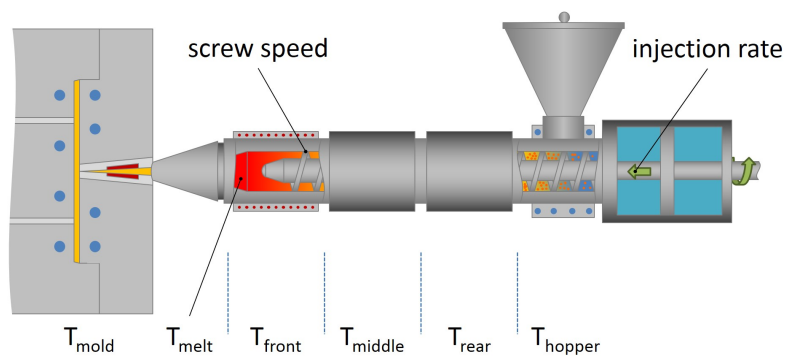
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Continuous Use Temperature	< 392 °F	< 200 °C	
Peak Melting Temperature	138 °F	59.0 °C	ASTM D3418

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Injection	Nominal Value (English)	Nominal Value (SI)
Processing (Melt) Temp	< 392 °F	< 200 °C

**Notes**

These are typical property values not to be construed as specification limits.