

## Technical Data Sheet

# ICORENE® N1018

Ethylene Vinyl Acetate Copolymer  
Custom Powders



### Product Description

ICORENE® N1018 is a premium copolymer of ethylene vinyl acetate specifically with a high MFI. It is 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 28%.

### General

Additive	• Heat Stabilizer		
Features	• Copolymer • Dispersible	• Food Contact Acceptable • Good Colorability	• Heat Stabilized • High Flow
Uses	• 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	0.949 g/cm <sup>3</sup>	0.949 g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	400 g/10 min	400 g/10 min	ISO 1133
Vinyl Acetate Content	28.0 wt%	28.0 wt%	Internal Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Break)	435 psi	3.00 MPa	ISO 527-2
Tensile Strain (Break)	500 %	500 %	ISO 527-2
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness (Shore A)	71	71	ISO 868
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Peak Melting Temperature	151 °F	66.0 °C	ASTM D3418

### Notes

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