

# ICORENE® N1018

Ethylene Vinyl Acetate Copolymer  
ICO Polymers EMEA, A Division of A. Schulman

**Message:**

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 Information			
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	Unit	Test Method
Density	0.949	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	400	g/10 min	ISO 1133
Vinyl Acetate Content	28.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	71		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	3.00	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	66.0	°C	ASTM D3418

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

