

ICORENE® N1008

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

Message:

ICORENE® N1008 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 9.4 %. Maximum processing temperature 270°C.

General Information			
Additive	Heat Stabilizer		
Features	Copolymer		
	Dispersible		
	Food Contact Acceptable		
	Good Colorability		
	Heat Stabilized		
Uses	Masterbatch		
Agency Ratings	EU Food Contact, Unspecified Rating		
	FDA Food Contact, Unspecified Rating		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.929	g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Vinyl Acetate Content	9.4	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	93		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	74.0	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	< 270	°C	
Vicat Softening Temperature	72.0	°C	ASTM D1525
Peak Melting Temperature	96.0	°C	ASTM D3418

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