

Technical Data Sheet

Icorene N1012

Ethylene Vinyl Acetate Copolymer
LyondellBasell Industries
Custom Powders

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.

General

Additive	• Heat Stabilizer		
Features	• Copolymer • Dispersible	• Food Contact Acceptable • Good Colorability	• Heat Stabilized
Uses	• Adhesives	• Masterbatch	
Agency Ratings	• EU Food Contact	• FDA Food Contact	
Forms	• Powder		
Processing Method	• Compounding Extrusion	• Scatter Coating	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.951 g/cm³	0.951 g/cm³	Internal Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	25 g/10 min	25 g/10 min	ASTM D1238
Vinyl Acetate Content	27.5 wt%	27.5 wt%	Internal Method
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Continuous Use Temperature	< 392 °F	< 200 °C	
Peak Melting Temperature	160 °F	71.0 °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.